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2019~2020 FLOORING COLLECTION



www.lghausys.com

Flooring Collection

Homogeneous Sheet, Heterogeneous Sheet
Luxury Vinyl Tile, Vinyl Composition Tile
Specialty



Nature, Human and Space

We are creating human-friendly and eco-conscious living spaces

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LG Group

Since 1947, Group LG is leading the global business in Electronic, Chemicals and Telecom & Services areas with 230,000 employees worldwide.



63 Companies, USD 150 Billion Revenue



Electronic

LG Electronics
LG Siltron / LG Display
LUSEM / LG Innotek



Chemicals

LG Hausys / LG Chem
LG Life Sciences / LG MMA
LG Household & Health Care



Telecom & Services

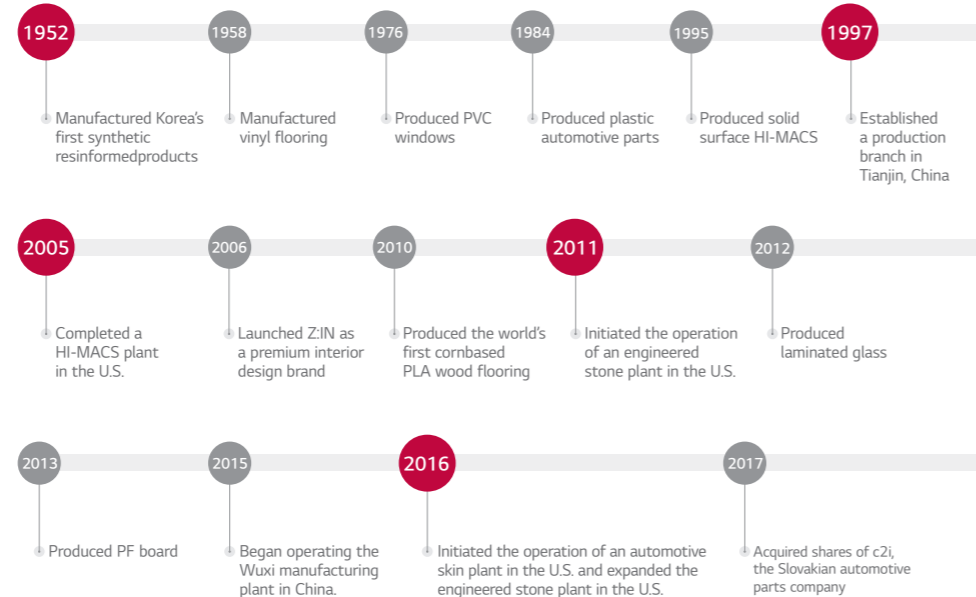
LG U+ / SERVEONE
LG N-Sys / LG International
LG CNS

Introduction to LG Hausys

LG Hausys' vision, "we create human-friendly, eco-conscious living spaces" informs all our strategies for realizing eco-conscious, energy-efficient, and human-friendly customer value.



The mother company of LG Group Since 1947



Overview of LG Hausys

Global Business

(Based on 2017 sales)



3.2

Sales
(Unit US Billion)

0.9

Overseas Sales
(Unit US Billion)



4,494

Global Employees
Including employees abroad
(Unit person)



Global Network

LG Hausys Runs 5 Overseas Sales Corporations, 6 Overseas Subsidiaries and 3 Overseas Manufacturing Corporations.



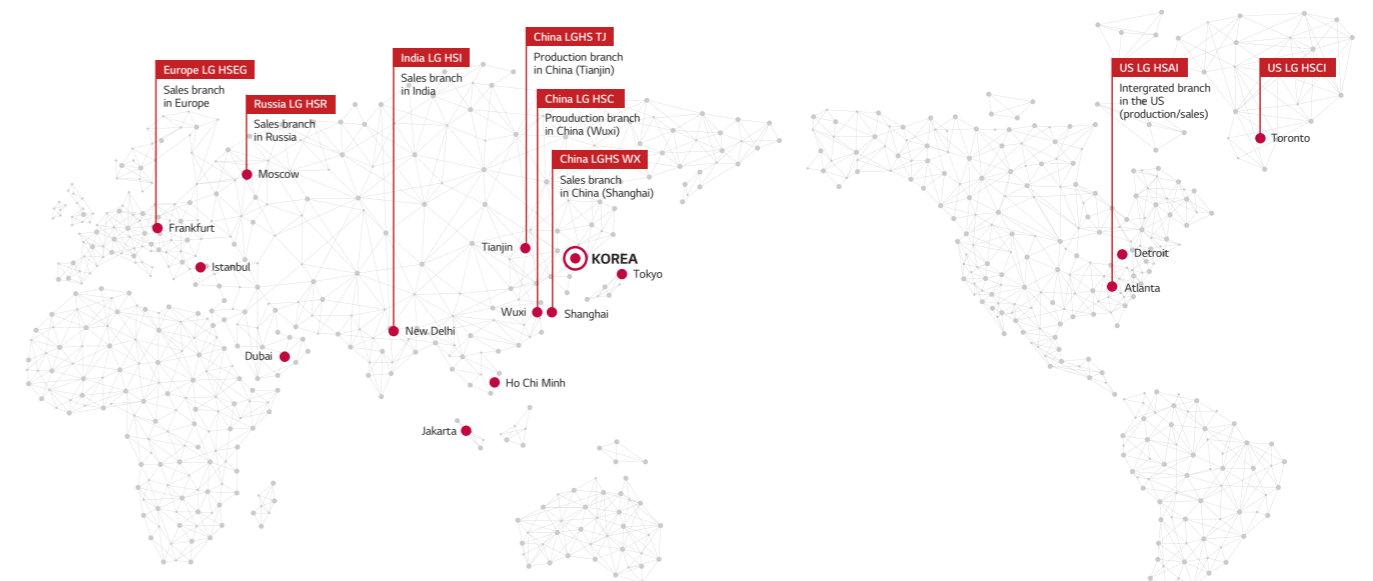
5 Overseas Subsidiaries



6 Overseas Sales Corporations



3 Overseas Manufacturing Corporations



LG Hausys Headquarter (Seoul, Korea)

LG Hausys America, Inc. (Atlanta)

LG Hausys Russia, LLC (Moscow)

LG Hausys China Trading Co., Ltd. (Shanghai)

LG Hausys India Pvt. Ltd. (Gurgaon)

LG Hausys Europe GMBH (Frankfurt)

LG Hausys Canada, Inc. (Toronto)

LG Hausys Turkey Office (Istanbul)

LG Hausys U.A.E. Office (Dubai)

LG Hausys Japan Office (Tokyo)

LG Hausys Vietnam Office (Ho Chi Minh)

LG Hausys Indonesia Office (Jakarta)

Product Portfolio

Thinking for a better customer experience.

Interior

We promise to keep promoting trend leading interior solution from acrylic solid surface and wallcovering to decofoil and interior film.



Flooring



HI-MACS® (Acrylic Solid Surface)



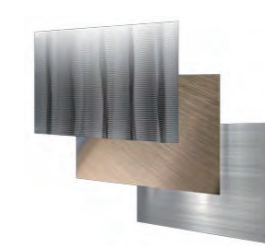
Wallcovering

IT & Electronics

Vinyl-coated materials for home appliance surfaces known for their remarkable design and technology and high-performance vacuum insulation panels that guarantee outstanding functionalities and user safety through the RoHS certification



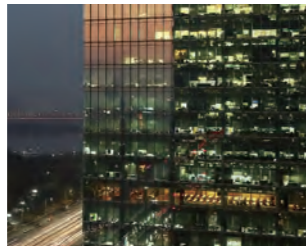
Home Appliance Surface Materials



Vacuum Insulation Panel

Building

LG Hausys is Korea's largest manufacturer who produces from PVC windows to aluminum windows. It has expanded its business into many other sectors such as curtain wall and functional glass.



Curtain Wall



Window



Sing&Graphic Materials

Auto Motive

Eco-friendly interior skin, interior/exterior automotive components and various lightweight, energy-efficient automotive materials.



Automotive Skin



Automotive Parts



Lightweight Materials

Preparation for the Future

We plan to prepare for the future by reinforcing our R&D operation and Market-Leading Products.

R&D Center

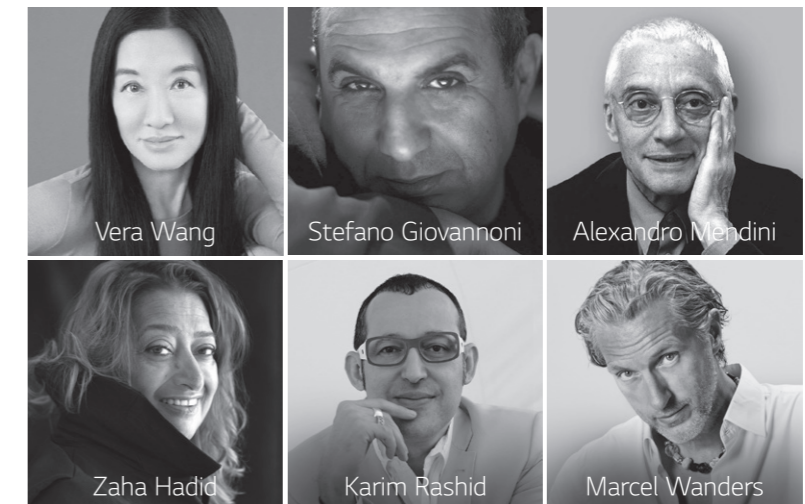


R&D Activity at a Glance

Research Area	Main Outcomes	Research Priority
Energy-saving	<ul style="list-style-type: none"> Low-E glass High-performance insulation 	<ul style="list-style-type: none"> Maximize the insulation of windows, along with reducing the use of energy in buildings Secure insulation performance and fire safety
Eco-friendly materials	<ul style="list-style-type: none"> Eco-friendly flooring and wallcovering 	<ul style="list-style-type: none"> Develop products safe for humans and the environment by using Poly Lactic Acid(PLA) made from natural derivatives
Fuctional fabric/film	<ul style="list-style-type: none"> Green fabric 	<ul style="list-style-type: none"> Contribute to reducing GHG emissions by developing pollution-resistant, highly-durable and eco-friendly fabric through the use of bio-based plastics
High-strength, lightweight materials	<ul style="list-style-type: none"> High-strength, lightweight composite materials 	<ul style="list-style-type: none"> Contribute to improving mileage and fuel efficiency by developing lightweight automotive materials and researching on the enhancement of shock resistance performance

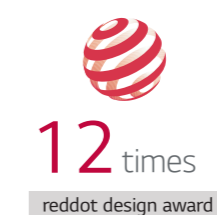
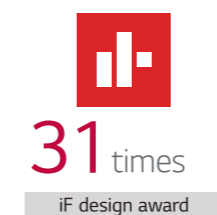
Design Center

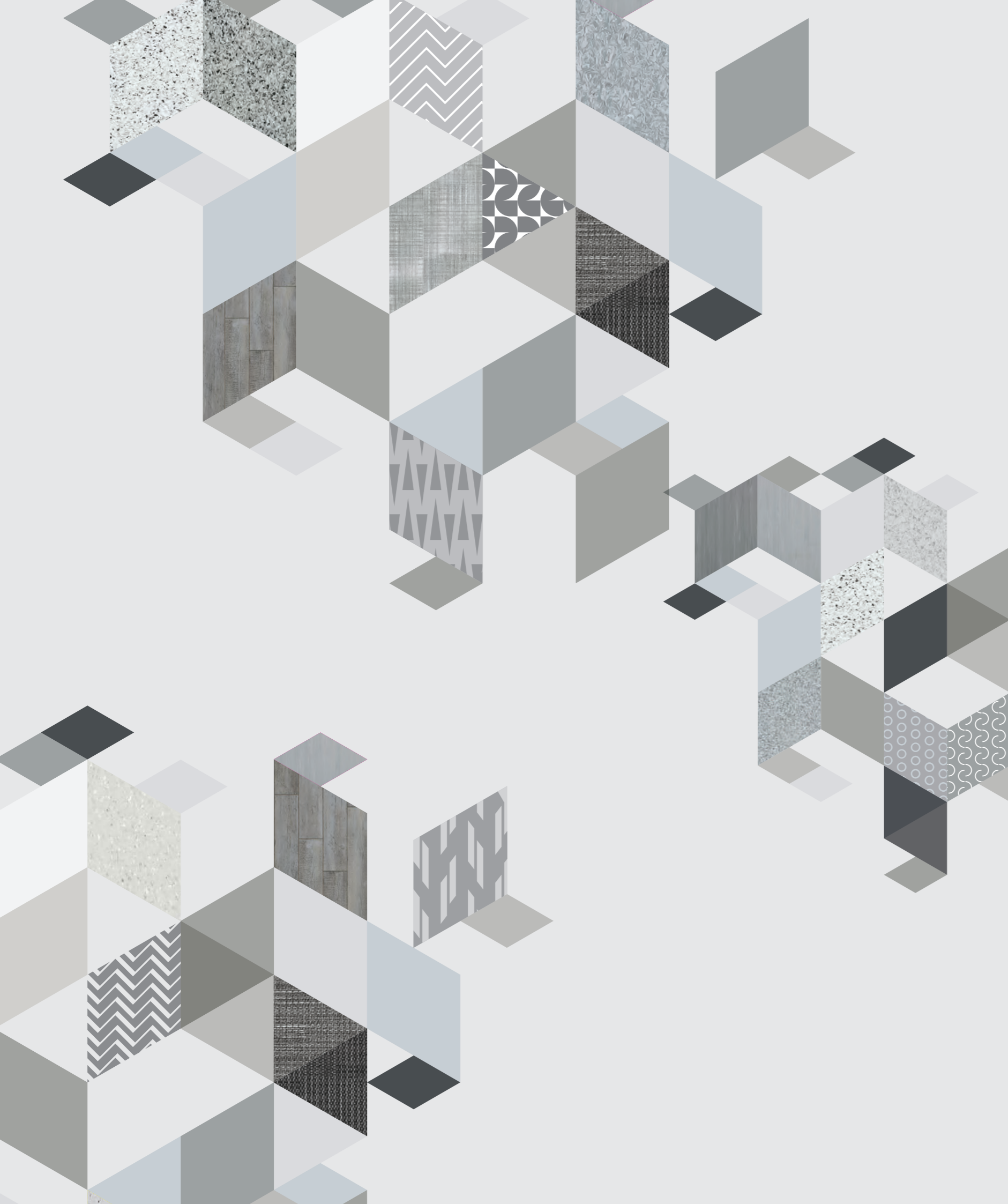
Collaboration with Well-Renowned Designer.



LG Hausys
110
Designers

Earning Prestigious Design Awards.



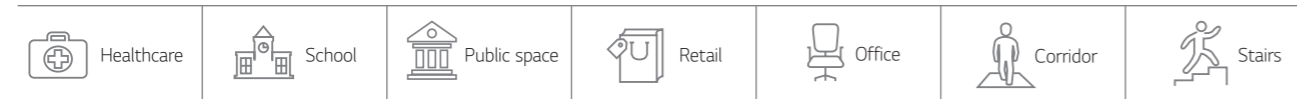


Homogeneous Sheet

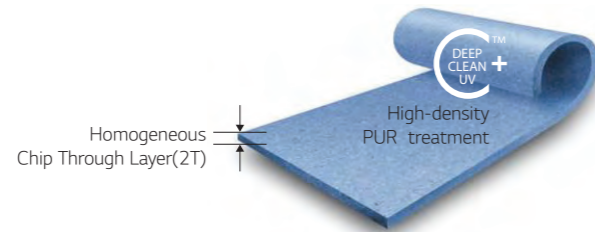
- Origin
- Space
- Unite
- Allroad
- Origin Conductive

Homogeneous Sheet

Origin, Space, Unite and Allroad provide extreme durability and intelligent quality for all areas with special PUR treatment.



Basic Construction



Technical Data

Standard	Method	Unit	Origin	Space	Unite	Allroad
Type of Flooring	EN ISO 10581	-	Homogeneous Sheet			
Surface Treatment		-	Deep Clean UV+	Deep Clean UV	Deep Clean UV	Easy Clean UV
Roll length		M	20	20	20	20
Width	ISO 24341	mm	2,000	2,000	2,000	2,000
Thickness	ISO 24346	mm	2.0	2.0	2.0	2.0
Weight	ISO 23997	g/m ²	2,800	2,900	3,200	2,980
Classification	ISO10874	-	34/43	34/43	34/43	34/43
Reaction to fire	EN 13501-1	-	Bfl-s1	Bfl-s1	Bfl-s1	Bfl-s1
Static electrical propensity	EN 1815	kV	<2	<2	<2	<2
Slip resistance	DIN 51130	-	R9	R9	R9	R9
	EN 13893	-	DS	DS	DS	DS
Residual indentation	ISO 24343-1	mm	≤0.1	≤0.1	≤0.1	≤0.1
Dimensional stability	ISO 23999	%	≤0.4	≤0.4	≤0.4	≤0.4
Curling after exposure to heat	ISO 23999	mm	-	-	-	fulfilled
Color fastness to light	ISO 105-B02	-	≥6	≥6	≥6	≥6
Wear resistance	EN 660-2	-	Group T	Group T	Group P	Group T
Castor chair test	ISO 4918	-	no change	no change	no change	no change
Chemical resistance	ISO 26987	-	no change	no change	no change	no change
Flexibility	ISO 24344	-	no crack	no crack	no crack	no crack
Thermal resistance	EN 12664	m ² ·k / w	approx 0.01	approx 0.01	approx 0.01	approx 0.01
Impact sound insulation	ISO 10140	dB	> 3	> 3	> 3	> 3

Features



DEEP CLEAN UV+ Surface Treatment
 · High-density PUR surface treatment allows strong iodine resistance.
 · ORIGIN



Deep clean UV Surface treatment
 · High density PUR treatment allows strong anti-scratch & anti-contamination
 · SPACE, UNITE
 (※ Allroad : Easy Clean UV)



Phthalate & Heavy metal free
 · Use 100% phthalate free plasticizers only
 · No hazardous ingredients used during production



Design Competitives
 · 2/3 stage & chip-in-chip marbling technique applied for mind comforting design



SMO 1201, SMO 1215, SMO 1216

Origin

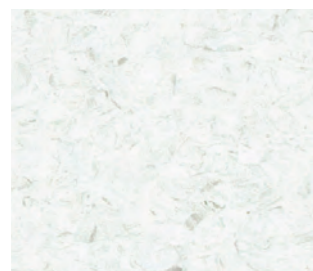
Type of Flooring	Homogeneous commercial sheet		
Total thickness	2.0mm	Chip through	
Width	2M	Length	20M/Roll
Weight	2,800 g/m ²	Colors	36 C



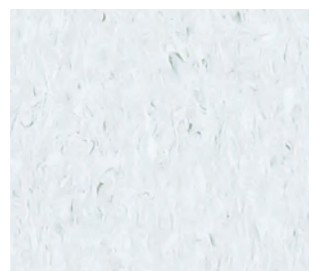
Reverse installation required



SMO 5201, SMO 5205, SMO 5206, SMO 5211



SMO 5201 Snow White



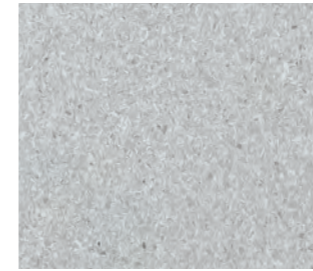
SMO 5221 Cream



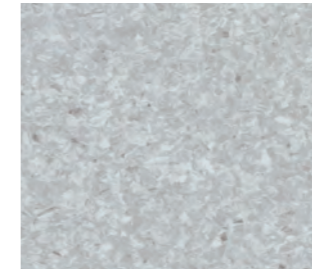
SMO 5202 Pebble



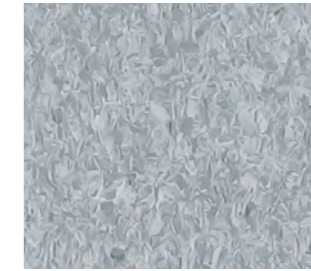
SMO 5222 Snow



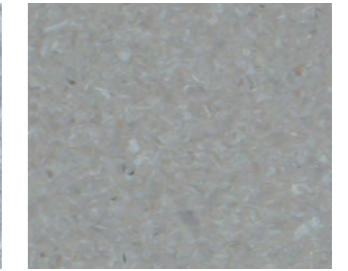
SMO 5224 Cloudy



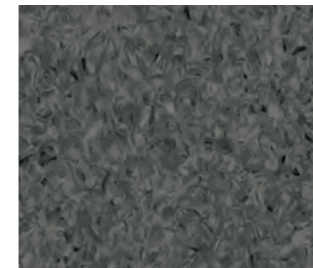
SMO 5203 Moonstone



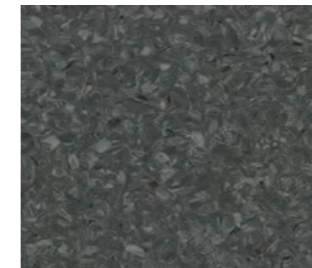
SMO 5223 Luna



SMO 5204 Ash Gray



SMO 5225 Shadow



SMO 5205 Slate



SMO 5226 Mist



SMO 5206 Ivory



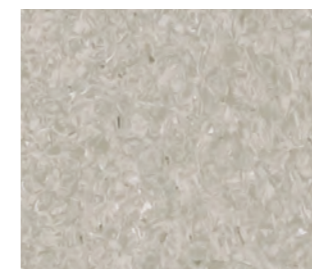
SMO 5207 Clam



SMO 5227 Sandy



SMO 5208 Yak Bone



SMO 5228 Cappuccino



SMO 5229 Mocha



SMO 5211 Cocoa Brown



SMO 5209 Sand Stone



SMO 5210 Apricot



SMO 5218 Amber



SMO 5230 Chestnut



SMO 5236 Cherry Blossom



SMO 5219 Orange



SMO 5220 Red Pepper

Origin

Type of Flooring	Homogeneous commercial sheet		
Total thickness	2.0mm	Chip through	
Width	2M	Length	20M/Roll
Weight	2,800 g/m ²	Colors	36 C



Reverse installation required



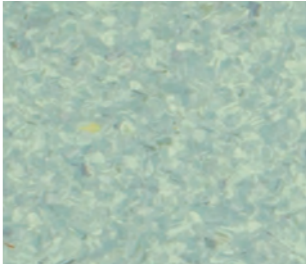
SMO 5201, SMO 5222, SMO 5225



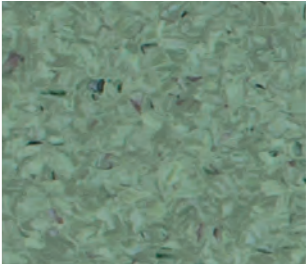
SMO 5212 Bud Green



SMO 5231 Olive



SMO 5213 Celladon



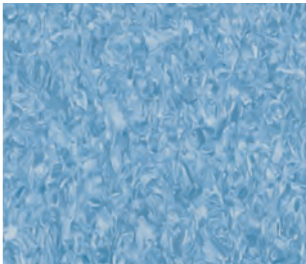
SMO 5214 Tea Green



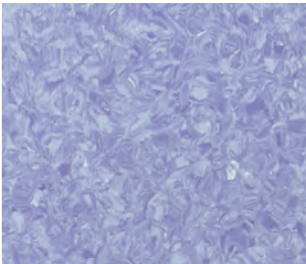
SMO 5215 Aquamarine



SMO 5216 Sapphire



SMO 5232 Ocean



SMO 5235 Lilac



SMO 5217 Royal Blue



SMO 5233 Indigo



SMO 5234 Jean



SMO 5215, SMO 5233, SMO 5217

Color of the above product can be different from actual product color.

Space

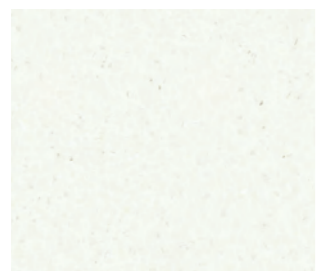
Type of Flooring	Homogeneous commercial sheet		
Total thickness	2.0mm	Chip through	
Width	2M	Length	20M/Roll
Weight	2,900g/m ²	Colors	25 C



Reverse installation required



SMS 2208



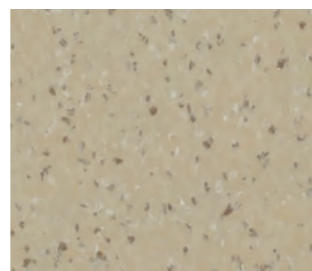
SMS 2207 Twilight



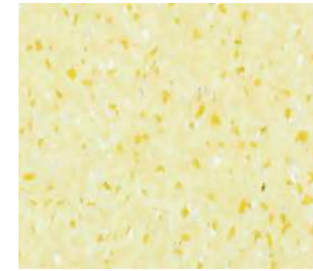
SMS 2208 Venus



SMS 2209 Jupiter



SMS 2210 Mars



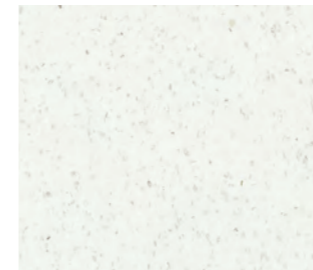
SMS 2219 Supernova



SMS 2217 Aurora



SMS 2211 Saturn



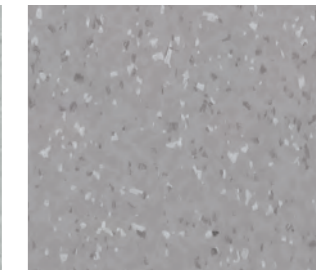
SMS 2201 Stellar



SMS 2202 Mercury



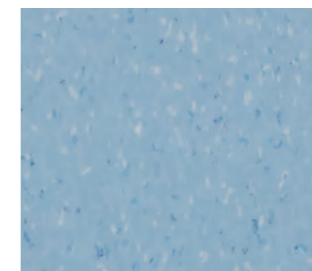
SMS 2203 Moon



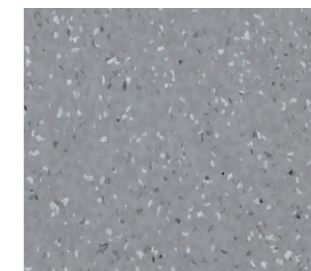
SMS 2204 Asteroid



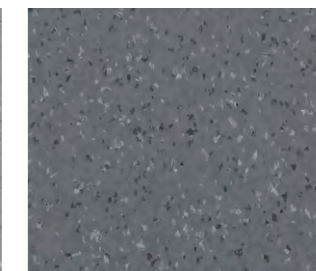
SMS 2212 Earth



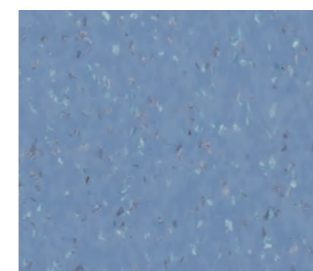
SMS 2213 Neptune



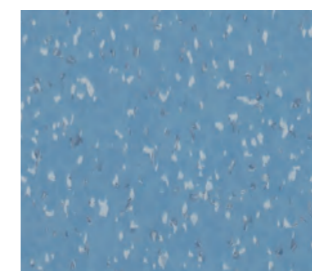
SMS 2205 Eclipse



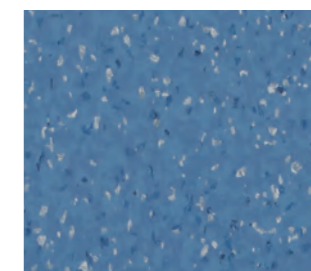
SMS 2206 Black Hole



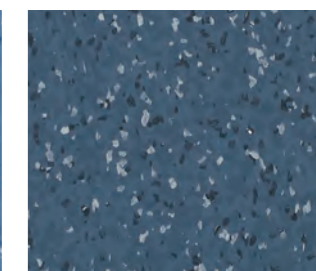
SMS 2218 Halo



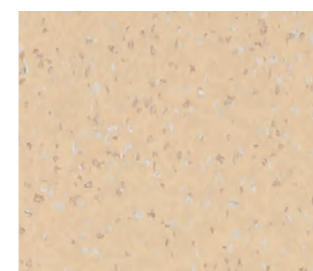
SMS 2214 Pluto



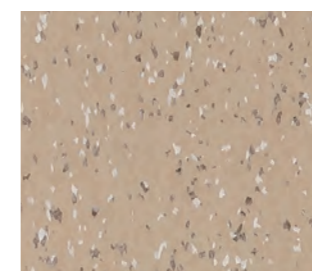
SMS 2215 Sirius



SMS 2216 Galaxy



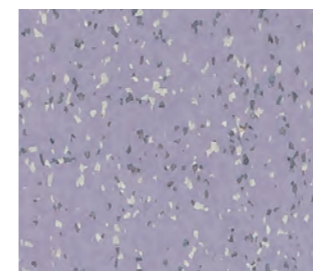
NEW SMS 2222 Charon



NEW SMS 2223 Titan



NEW SMS 2221 Ceres



NEW SMS 2224 Uranus



NEW SMS 2225 Juno



SMS 2226 Sun

Unite

Type of Flooring	Homogeneous commercial sheet		
Total thickness	2.0mm	Chip through	
Width	2M	Length	20M/Roll
Weight	3,200g/m ²	Colors	16 C



SMU 4204, SMU 4208



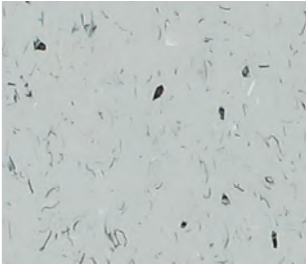
SMU 4201



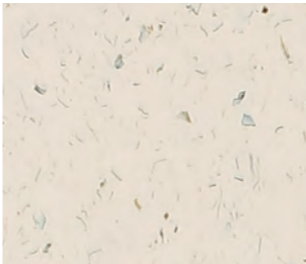
SMU 4202



SMU 4204



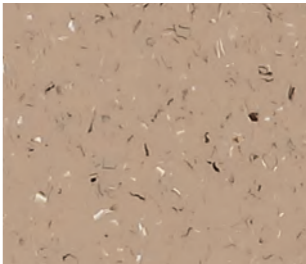
SMU 4205



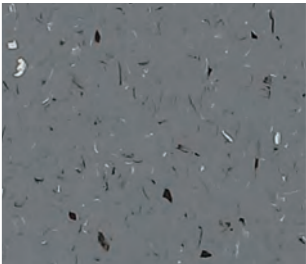
SMU 4206



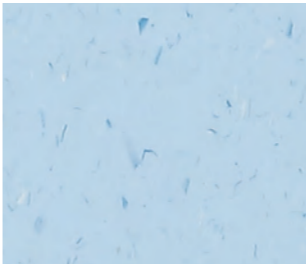
SMU 4207



SMU 4208



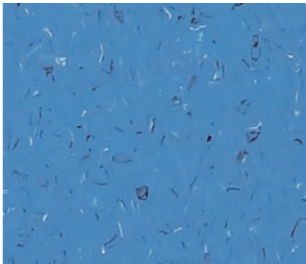
SMU 4203



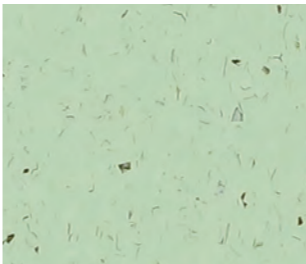
SMU 4211



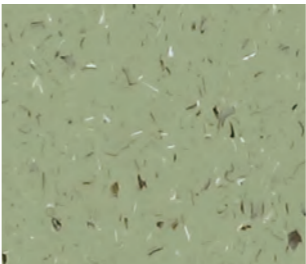
SMU 4212



SMU 4213



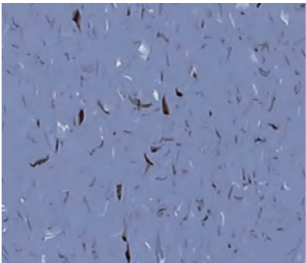
SMU 4209



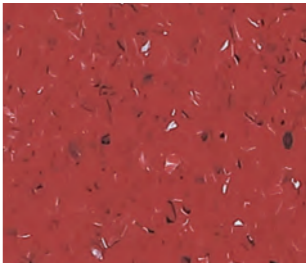
SMU 4210



SMU 4214



SMU 4215



SMU 4216

Color of the above product can be different from actual product color.

Allroad

Type of Flooring	Homogeneous commercial sheet		
Total thickness	2.0mm	Chip through	
Width	2M	Length	20M/Roll
Weight	2,980g/m ²	Colors	14 C



Reverse installation required



ARD 3011-01, ARD 3010-01



ARD 3012-01 Citrine



ARD 3004-01 Dolomite



ARD 3009-01 Tourmaline



ARD 3007-01 Peridot



ARD 3005-01 Sandstone



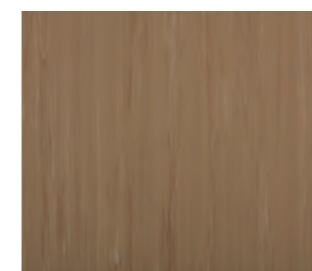
ARD 3013-01 Topaz



ARD 3010-01 Sapphire



ARD 3008-01 Aventurine



ARD 3006-01 Jasper



ARD 3014-01 Ruby



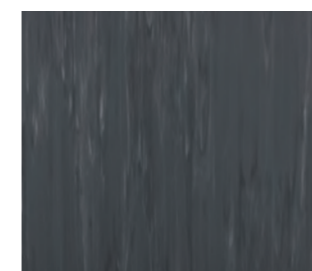
ARD 3011-01 Azure



ARD 3001-01 Limestone



ARD 3002-01 Zirconium



ARD 3003-01 Graphite



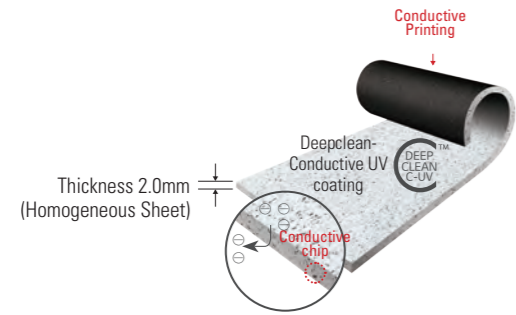
ARD 3006-01, ARD 3005-01

Origin Conductive

Suitable and reliable conductivity for special areas, such as servers, computer rooms, operation rooms and many others.



Basic Construction



SOC 3201, SOC 3216

Features

- Stable Electrical resistance**
· $10E^4 \leq R \leq 10E^6 \Omega$
- Unique Marble Design**
· Available to combine with ORIGIN Collection
- Phthalate & Heavy metal free**
· Use phthalate free plasticizers only
· No hazardous ingredients used during production

Technical Data

Characteristic	Standard	Unit	Origin Conductive
Type of Flooring	EN ISO 10581	-	Homogeneous Sheet
Surface Treatment		-	Deep Clean Conductive UV
Roll length		M	20
Width	ISO 24341	mm	2,000
Thickness	ISO 24346	mm	2.0
Weight	ISO 23997	g/m ²	2,800
Classification	ISO10874	-	34/43
Reaction to fire	EN 13501-1	-	Bfl-s1
Static electrical propensity	EN 1815	kV	<2
Slip resistance	DIN 51130/EN 13893	-	R9/DS
Residual indentation	ISO 24343-1	mm	≤0.1
Dimensional stability	ISO 23999	%	≤0.4
Color fastness to light	ISO 105-B02	-	≥6
Wear resistance	EN 660-2	-	group P
Castor chair test	ISO 4918	-	no change
Chemical resistance	ISO 26987	-	no change
Flexibility	ISO 24344	-	no crack
Thermal resistance	EN 12664	m ² · k/w	approx 0.04
Impact sound insulation	ISO 10140	dB	>3
Electrical resistance	EN 1081	Ω	$10^{44} \leq R \leq 10^{46}$

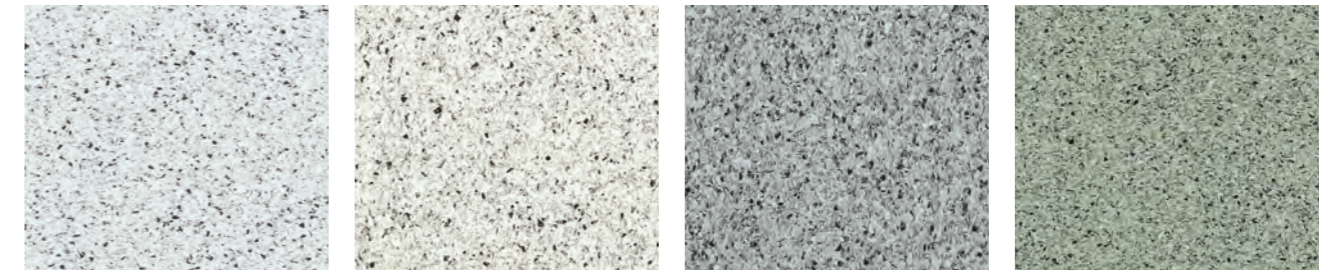
Color of the above product can be different from actual product color.

Origin Conductive

Type of Flooring	Homogeneous commercial sheet		
Total thickness	2.0mm	Chip through	
Width	2M	Length	20M/Roll
Weight	2,800 g/m ²	Colors	6 C



Reverse installation required

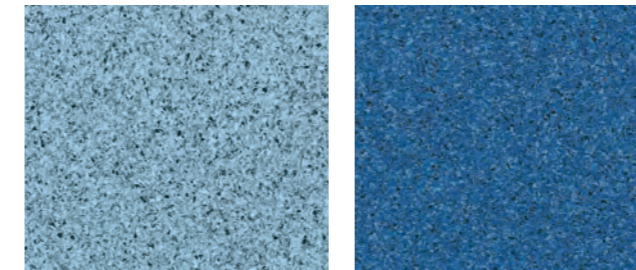


SOC 3201

SOC 3206

SOC 3203

SOC 3231

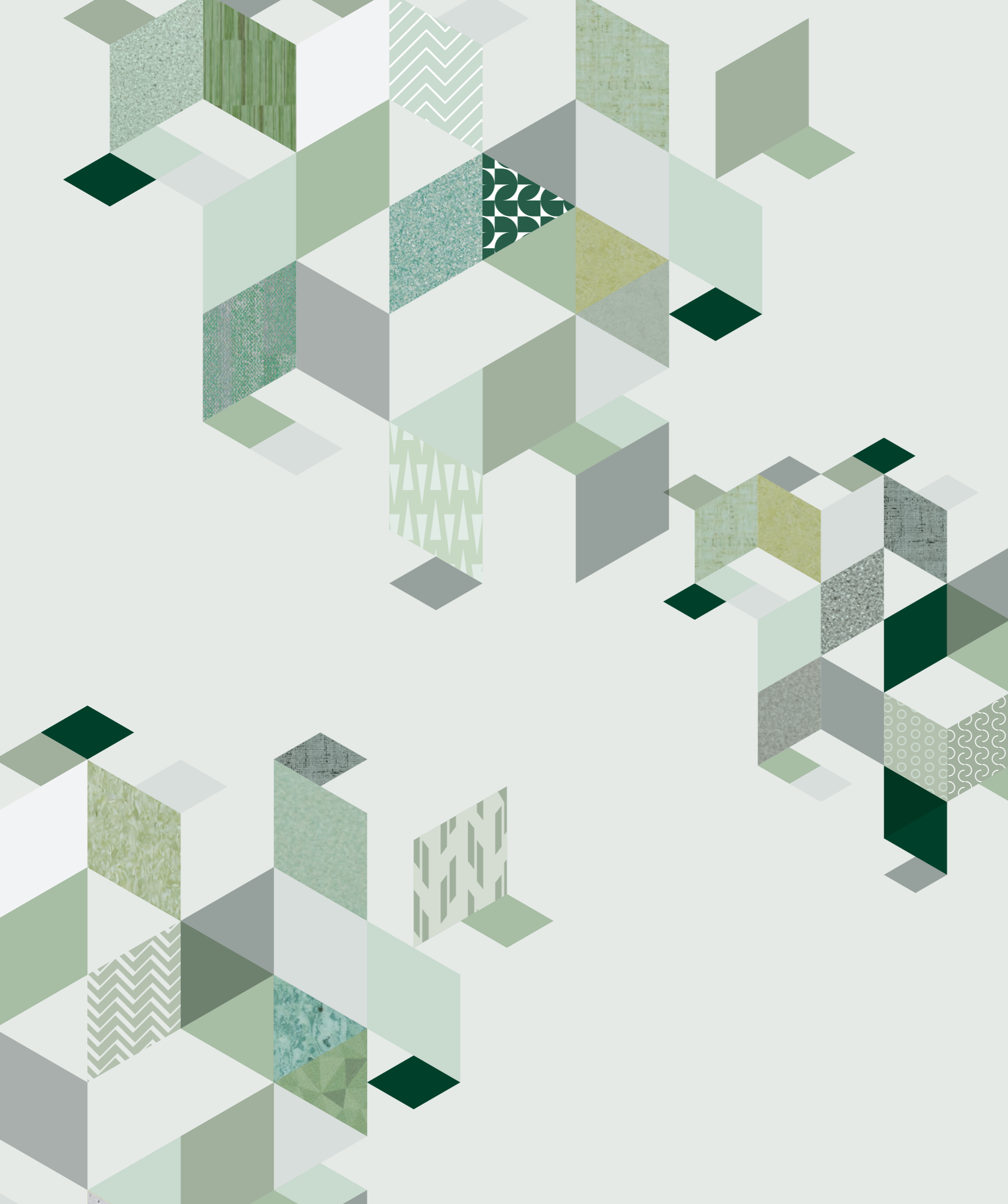


SOC 3216

SOC 3217



SOC 3201, SOC 3217



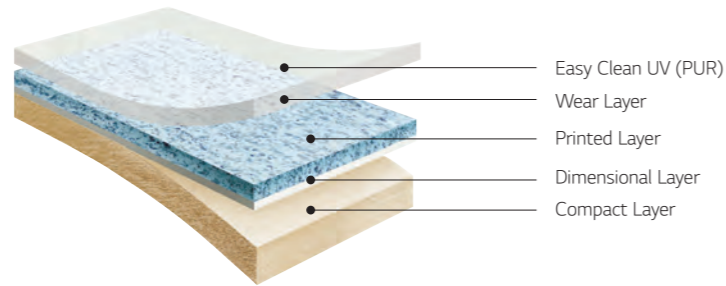
Heterogeneous Sheet

- Light Commercial Sheet Palace
Bright
Supreme 1.8
- Commercial Sheet Wood Collection
Stone Collection
ABC
Supreme 2.0
Style
Durable
MediStudio
- Acoustic Sheet Delight 2.2
Calmpasso 3.2
Comfort 3.4
Leisure 4.0
Senior 4.5
EQ Floor 6.0

Light Commercial Sheet



Basic Construction



Technical Data

Characteristic	Standard	Unit	Palace	Bright	Supreme 1.8
Surface Treatment			Easy Clean UV(PUR)		
Format			Sheet	Sheet	Sheet
Classification	ISO 10874(EN 685)				23-31
Roll Length		M	25	25	20
Width	ISO 24341(EN 426)	mm	2,000	2,000	2,000
Thickness	ISO 24346(EN 428)	mm	1.5	1.6	1.8
Weight	ISO 23997(EN 430)	g/m ²	2,450	2,600	2,900
Wear Layer Thickness	ISO 24340(EN 429)	mm	0.1	0.15	0.3
Residual indentation	ISO 24343-1(EN 433)	mm		< 0.1	< 0.1
Dimensional stability	ISO 23999(EN 434)	%		≤ 0.4	≤ 0.4
Color fastness to light	ISO 105-B02			≥ 6	≥ 6
Wear Class	EN 660-2			T	
Body Voltage	EN 1815	kV	< 2	< 2	< 2
Castor chair test	ISO 4918(EN 425)			Fulfilled	Fulfilled
Reaction to fire	EN 13501-1		Bfl-s1	Bfl-s1	Bfl-s1
Slip Resistance	EN 13893		DS	DS	DS
Flexibility	ISO 24344(EN 435)			No Crack	No Crack

Features



Hard Construction and Dimensionally Stable

- Glass paper inlaid structure allows strong resistance to heat and moisture



Easy Clean PUR Coating

- Prevents contaminations and allows easy maintenance
 - LG Hausys' unique surface treatment technology-Easy Clean UV- prevents any outer contaminants from penetrating and helps easy cleaning through its 'Lotus effect mechanism'



LG hausys(Easy Clean)



Competitors(Contamination Level)



Price Advantage

- Economically practical choice for moderate commercial area by a highly dense calendaring process



Light Commercial Sheet **Palace**

Type of Flooring	Heterogeneous light commercial sheet		
Total thickness	1.5mm	Wear Layer	0.1mm
Width	2M	Length	25M/Roll
Weight	2,450g/m ²	Colors	46 C



Reverse installation required



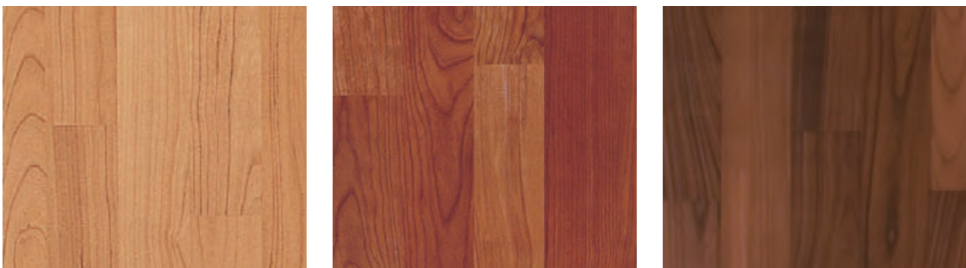
PAL 0382-05, PAL 0383-05



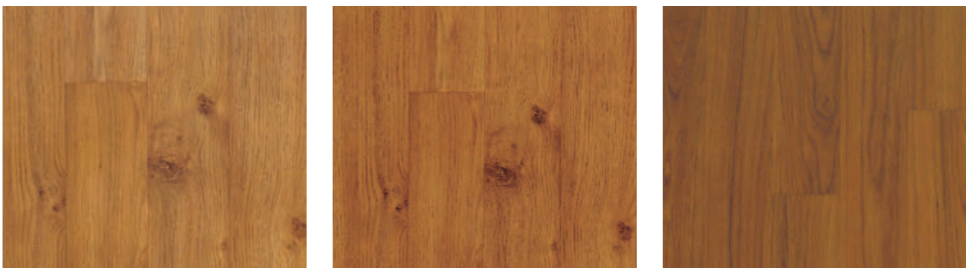
PAL 0881-05 PAL 0591-05 PAL 7761-05 PAL 0592-05



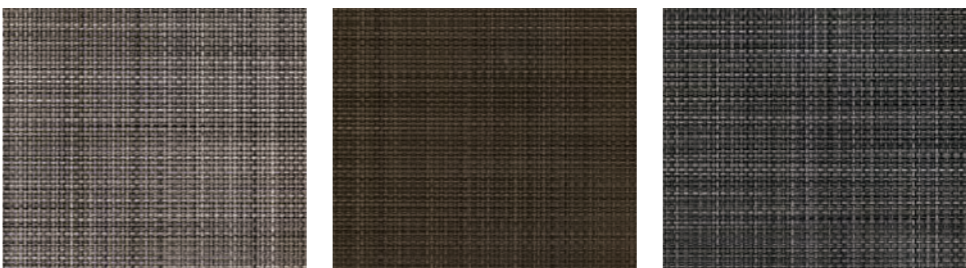
PAL 0882-05 PAL P082-05 PAL P081-05 PAL P211-05



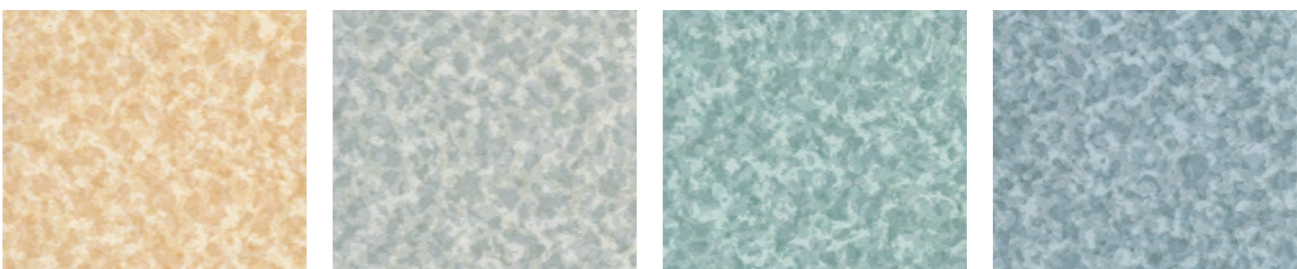
PAL P083-05 PAL P332-05 PAL P085-05



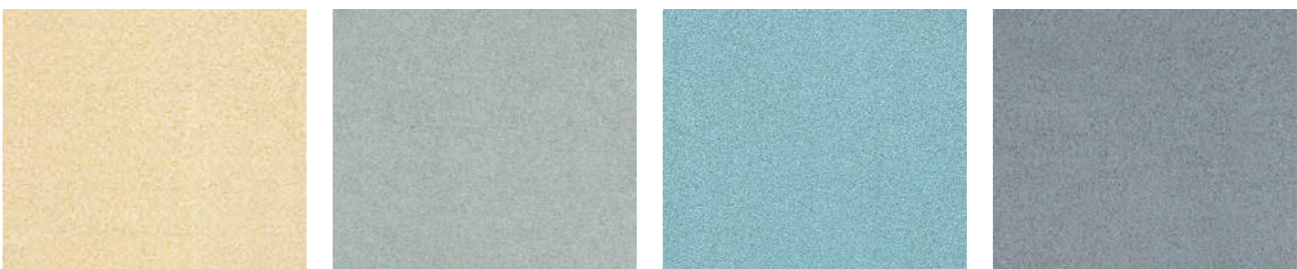
PAL 7771-05 PAL 7772-05 PAL 8143-05



NEW PAL 9201-05 **NEW** PAL 9202-05 **NEW** PAL 9203-05



PAL 0383-05 PAL 0381-05 PAL 0384-05 PAL 0382-05



PAL 7432-05 PAL 7435-05 PAL 7431-05 PAL 7434-05

Heterogeneous Sheet
Palace

Color of the above product can be different from actual product color.

Light Commercial Sheet **Palace**

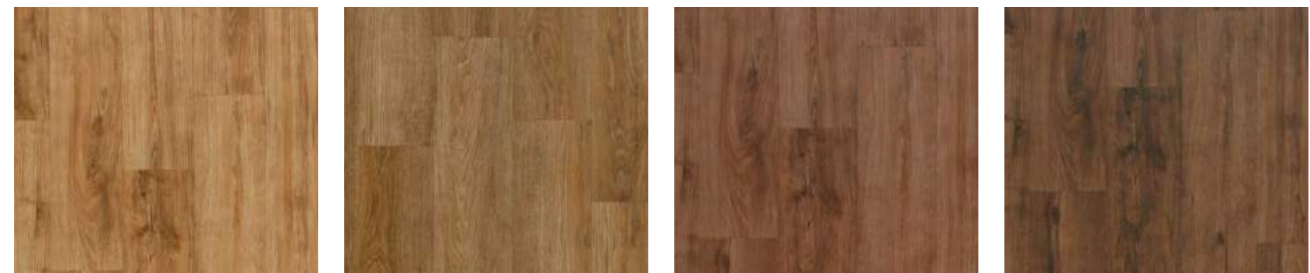
Type of Flooring	Heterogeneous light commercial sheet		
Total thickness	1.5mm	Wear Layer	0.1mm
Width	2M	Length	25M/Roll
Weight	2,450g/m ²	Colors	46 C



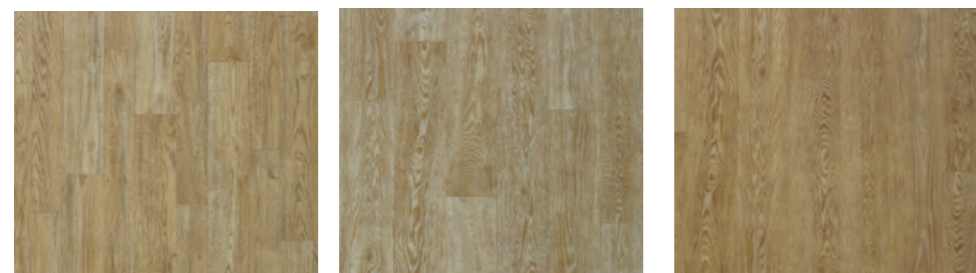
Reverse installation required



NEW PAL 1808-05 **NEW PAL 1816-05** **NEW PAL 1809-05** **NEW PAL 180A-05**



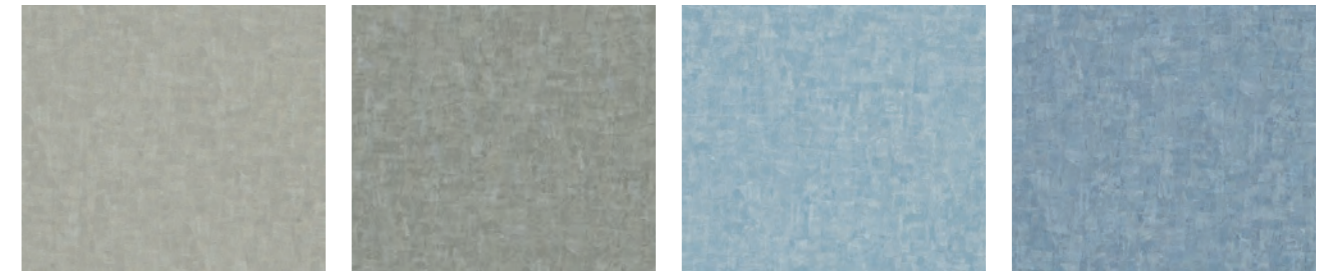
NEW PAL 182B-05 **NEW PAL 1817-05** **NEW PAL 1829-05** **NEW PAL 182A-05**



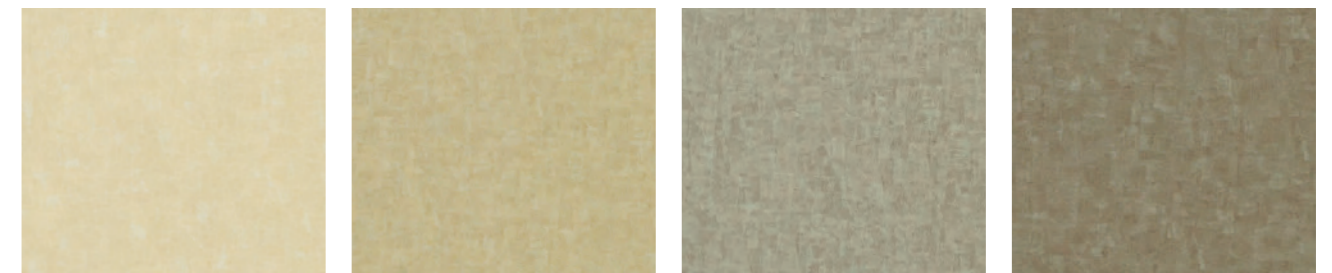
NEW PAL 2792-05 **NEW PAL 2702-05** **NEW PAL 2703-05**



NEW PAL 2704-05 **NEW PAL 2791-05**



NEW PAL 1601-05 **NEW PAL 1602-05** **NEW PAL 1603-05** **NEW PAL 1604-05**



NEW PAL 1607-05 **NEW PAL 1608-05** **NEW PAL 1605-05** **NEW PAL 1606-05**



PAL 1607-05

Light Commercial Sheet **Bright**

Type of Flooring	Heterogeneous light commercial sheet		
Total thickness	1.6mm	Wear Layer	0.15mm
Width	2M	Length	25M/Roll
Weight	2,600g/m ²	Colors	21 C

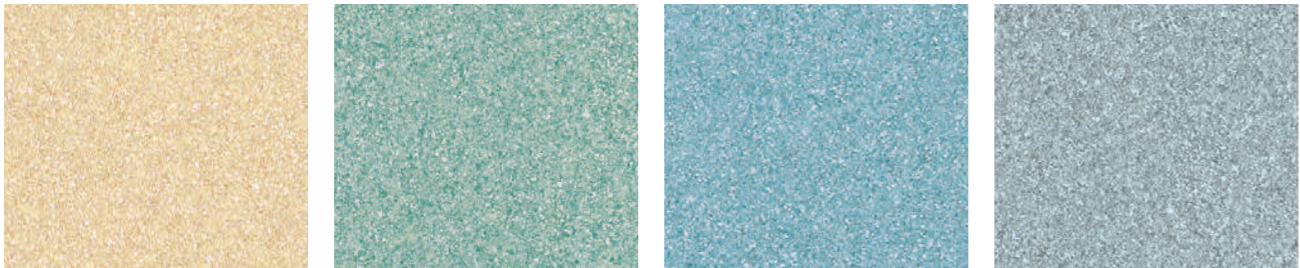


Reverse installation required

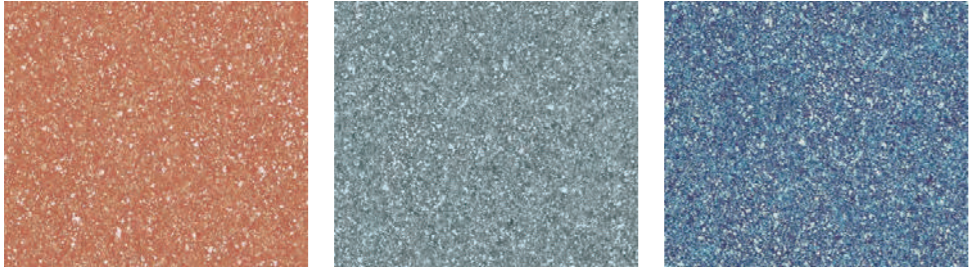


BR 91221-01, BR 91229-01, BR 91227-01

Mist



BR 92305-01 BR 92302-01 BR 92301-01 BR 92307-01



BR 92306-01 BR 92308-01 BR 92304-01

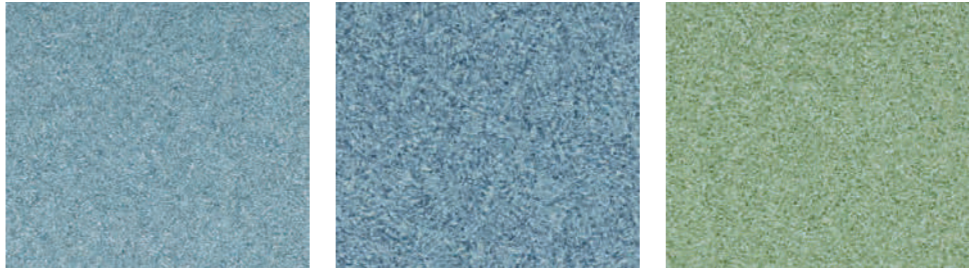
Waterdrops



BR 91221-01 BR 91222-01 BR 91223-01



BR 91224-01 BR 91225-01 BR 91226-01



BR 91227-01 BR 91228-01 BR 91229-01

Wood



BR 92001-01 BR 92202-01 BR 92002-01



BR 92003-01 BR 92203-01

Light Commercial Sheet **Supreme 1.8**

Type of Flooring	Heterogeneous light commercial sheet		
Total thickness	1.8mm	Wear Layer	0.3mm
Width	2M	Length	20M/Roll
Weight	2,900g/m ²	Colors	35 C



Reverse installation required

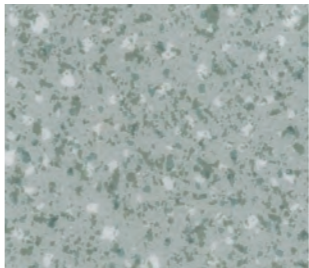


SPR 254A-01

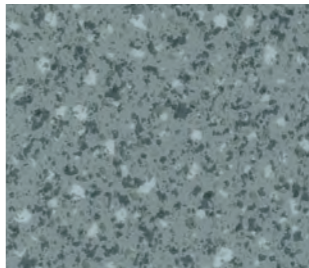
Dot



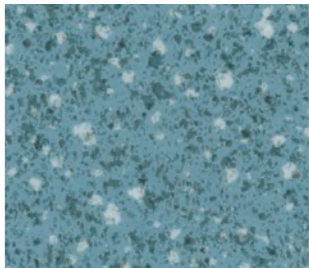
SPR 1317-01



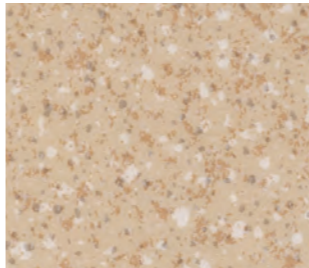
SPR 1303-01



SPR 1307-01



SPR 1309-01



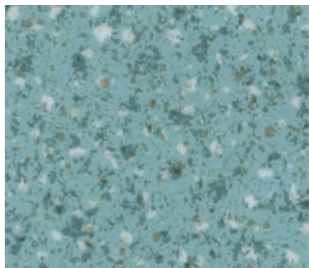
SPR 1302-01



SPR 1313-01



SPR 1314-01

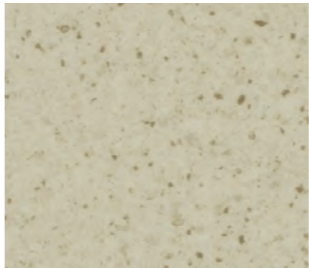


SPR 1310-01

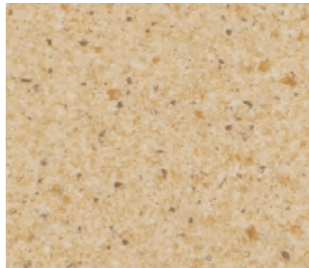
Granite



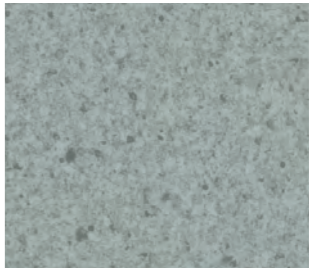
SPR 2541-01



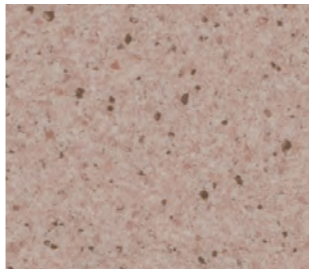
SPR 2543-01



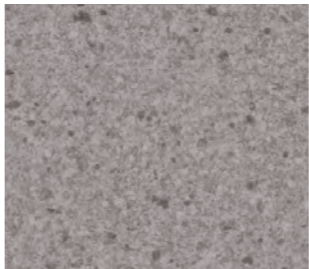
SPR 2544-01



SPR 2542-01



SPR 2546-01



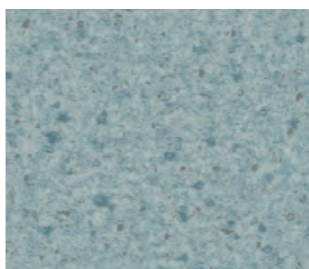
SPR 2548-01



SPR 2547-01



SPR 2545-01



SPR 254A-01



SPR 2549-01

Light Commercial Sheet **Supreme 1.8**

Type of Flooring	Heterogeneous light commercial sheet		
Total thickness	1.8mm	Wear Layer	0.3mm
Width	2M	Length	20M/Roll
Weight	2,900g/m ²	Colors	35 C



Reverse installation required



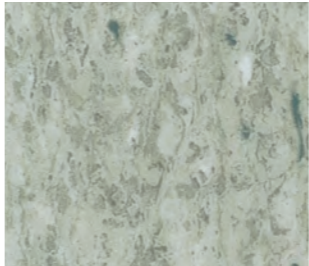
SPR 2825-02

Color of the above product can be different from actual product color.

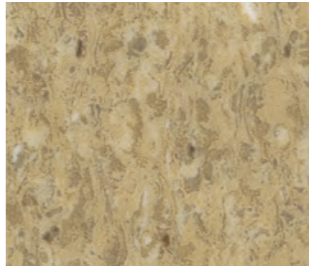
Marble



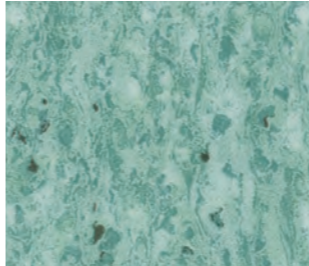
SPR 9031-01



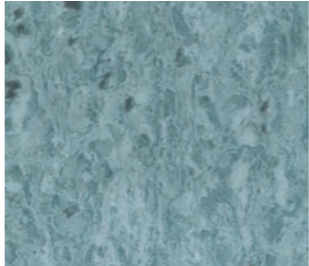
SPR 9037-01



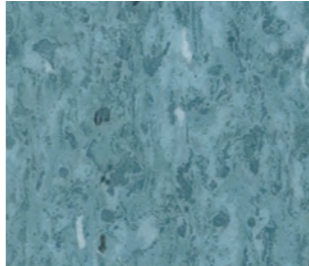
SPR 9032-01



SPR 9033-01



SPR 9039-01



SPR 9034-01

Wood



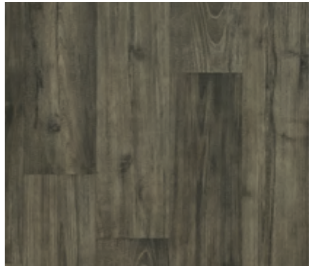
NEW SPR 2822-02



NEW SPR 2821-02



SPR 1828-02



SPR 1827-02



SPR 1801-02



SPR 1802-02



SPR 1825-02



SPR 1826-02



NEW SPR 2823-02



NEW SPR 2824-02

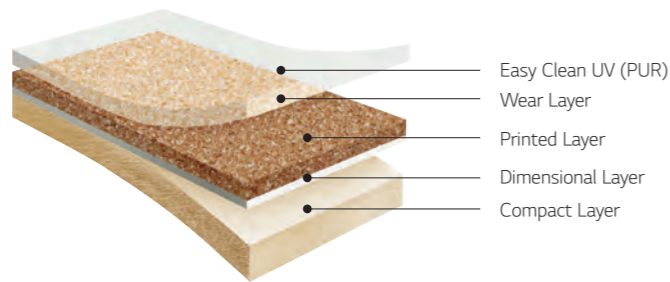


NEW SPR 2825-02

Commercial Sheet



Basic Construction



Easy Clean UV (PUR)
Wear Layer
Printed Layer
Dimensional Layer
Compact Layer

Technical Data

Characteristic	Standard	Unit	Wood Collection	Stone Collection	ABC
Surface Treatment			Easy Clean UV		
Format			Sheet	Sheet	Sheet
Classification	ISO 10874(EN 685)		23-31	23-31	32-41
Roll length		M	20	20	20
Width	ISO 24341(EN 426)	mm	2,000	2,000	2,000
Thickness	ISO 24346(EN 428)	mm	2	2	2
Weight	ISO 23997(EN 430)	g/m ²	3,100	3,100	3,000
Wear layer thickness	ISO 24340(EN 429)	mm	0.3/0.5	0.3/0.5	0.5
Residual indentation	ISO 24343-1(EN 433)	mm	< 0.1	< 0.1	< 0.1
Dimensional stability	ISO 23999(EN 434)	%	< 0.4	< 0.4	< 0.4
Color fastness to light	ISO 105-B02		≥ 6	≥ 6	≥ 6
Wear class	EN 660-2		T	T	T
Castor chair test	ISO 4918(EN 425)		Fulfilled	Fulfilled	Fulfilled
Reaction to fire	EN 13501-1		Bfl-s1	Bfl-s1	Bfl-s1
Chemical resistance	ISO 26987(EN 423)		Good	Good	Good
Slip resistance	EN 13893		DS	DS	DS
	DIN 51130			R9	R9
Impact sound reduction	EN ISO 10140	dB			
Flexibility	ISO 24344(EN 435)		No crack	No crack	No crack
Body voltage	EN 1815	kV	< 2	< 2	< 2
Thermal resistance	EN 12664	m ² K/W	suitable for underfloor heating	suitable for underfloor heating	suitable for underfloor heating

Features



Easy Clean UV Surface Treatment

- Highly dense web-structured coating
- Uniquely strong resistance to contamination
- ※ Polish or wax coating is not allowed without stripping process



Easy Clean UV+ Surface Treatment(MediStudio)

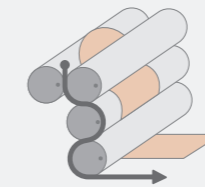
- Industry's best anti-scratch, anti-bacterial, and anti-iodine treatment
- ※ Waxing and coating can be applied after polishing



Outstanding Dimensional Stability

ITEM		DURABLE	OTHERS
80°C	L	+0.05%	-0.2%
OvenX1hr	W	-0.10%	-0.30%

Superior dimensional stability with Glass paper inlaid structure



· Dimensional stabilities due to optimized temperature & tension technology applied on the Calendaring process of LG Hausys.

· Dimensionally unstable products may result in gaps between sheets after installation. These gaps could trap dirt and multiply bacteria.

Technical Data

Characteristic	Standard	Unit	Supreme 2.0	Style	Durable	MediStudio
Surface treatment			Easy Clean UV			Easy Clean UV+
Format			Sheet	Sheet	Sheet	Sheet
Classification	ISO 10874(EN 685)		32-41	32-41	34-43	34-43
Roll length		M	20	20	20	20
Width	ISO 24341(EN 426)	mm	2,000	2,000	2,000	2,000
Thickness	ISO 24346(EN 428)	mm	2	2	2	2
Weight	ISO 23997(EN 430)	g/m ²	2,950	2,950	3,050	3,050
Wear layer thickness	ISO 24340(EN 429)	mm	0.5	0.5	0.7	0.7
Residual indentation	ISO 24343-1(EN 433)	mm	< 0.1	< 0.1	< 0.1	< 0.1
Dimensional stability	ISO 23999(EN 434)	%	< 0.4	< 0.4	< 0.4	< 0.4
Color fastness to light	ISO 105-B02		≥ 6	≥ 6	≥ 6	≥ 6
Wear resistance	EN 660-2		T	T	T	T
Castor chair test	ISO 4918(EN 425)		Fulfilled	Fulfilled	Fulfilled	Fulfilled
Reaction to fire	EN 13501-1		Bfl-s1	Bfl-s1	Bfl-s1	Bfl-s1
Chemical resistance	ISO 26987(EN 423)		Good	Good	Good	Good
Slip resistance	EN 13893		DS	DS	DS	DS
	DIN 51130			R9	R9	R9
Impact sound reduction	EN ISO 10140	dB			5	
Flexibility	ISO 24344(EN 435)		No crack	No crack	No crack	No crack
Body voltage	EN 1815	kV	< 2	< 2	< 2	< 2
Thermal resistance	EN 12664	m ² K/W	suitable for underfloor heating	suitable for underfloor heating	suitable for underfloor heating	suitable for underfloor heating

* For MediStudio 3.0mm thick product(Wear Layer 0.7mm) with comfort layer is also available.

Commercial Sheet **Wood Collection**

Type of Flooring	Heterogeneous commercial sheet		
Total thickness	2.0mm	Wear Layer	0.3/0.5mm
Width	2M	Length	20M/Roll
Weight	3,100g/m ²	Colors	14 C



Reverse installation required



WC 32602

Color of the above product can be different from actual product color.

Limed Oak



NEW WC 32301

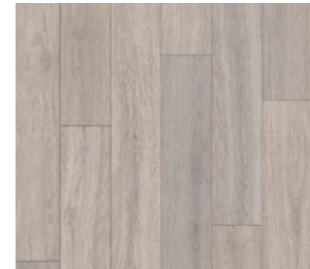


NEW WC 32302

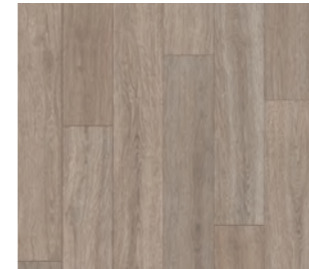


NEW WC 32303

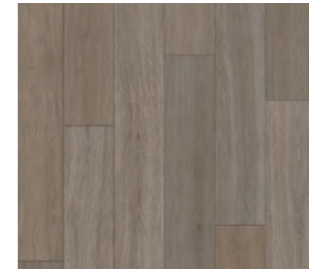
Natural Oak



NEW WC 32401



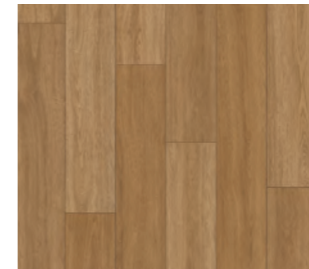
NEW WC 32402



NEW WC 32403

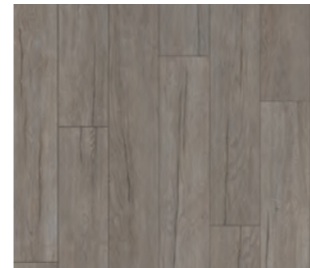


NEW WC 32404

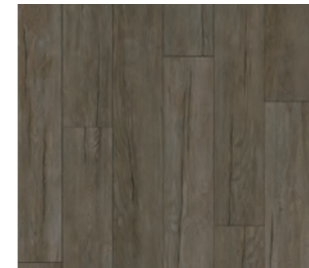


NEW WC 32405

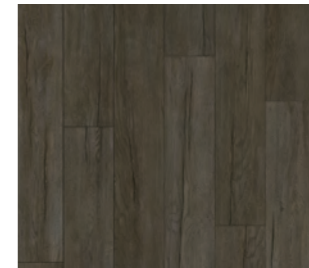
Vintage Cracked Oak



NEW WC 32501

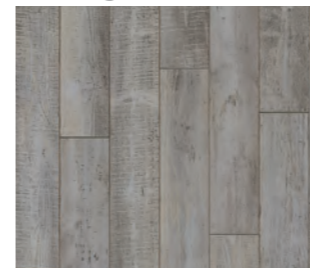


NEW WC 32502

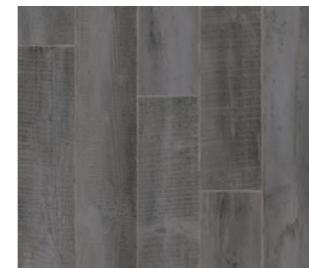


NEW WC 32503

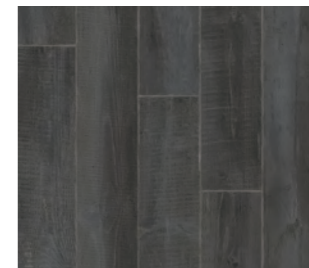
Midnight Oak



NEW WC 32601



NEW WC 32602



NEW WC 32603

Commercial Sheet Stone Collection

Type of Flooring	Heterogeneous commercial sheet		
Total thickness	2.0mm	Wear Layer	0.3/0.5mm
Width	2M	Length	20M/Roll
Weight	3,100g/m ²	Colors	15 C

Reverse installation required



SCL 3553

Slate



NEW SCL 3531 Hazy Mist

NEW SCL 3533 Khaki Sand

NEW SCL 3532 Deep Brown

NEW SCL 3534 Pure Steel

Bianco Marble

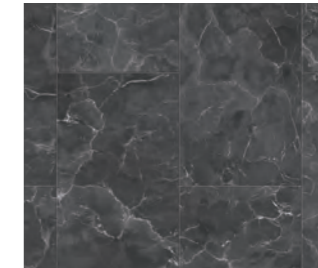


NEW SCL 3541 Luxury Gold

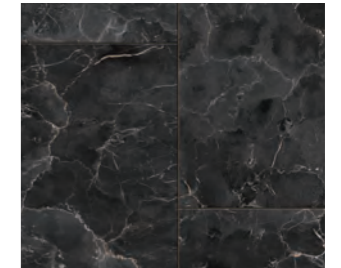


NEW SCL 3542 Chic Silver

Saint Laurent



NEW SCL 3491 Bronzed Noir



NEW SCL 3492 Burnt Steel

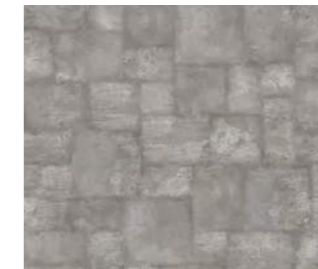
Concrete



NEW SCL 3521 Frosted Gris



NEW SCL 3523 Sun-kissed Ash



NEW SCL 3522 Twinkling Lead



NEW SCL 3524 Cinnamon Umber

Onyx



NEW SCL 3551 Warm Fossil



NEW SCL 3553 Golden Ivory



NEW SCL 3552 Shimmering Graphite



SCL 3541

Commercial Sheet ABC

Type of Flooring	Heterogeneous commercial sheet		
Total thickness	2.0mm	Wear Layer	0.5mm
Width	2M	Length	20M/Roll
Weight	3,000g/m ²	Colors	48 C



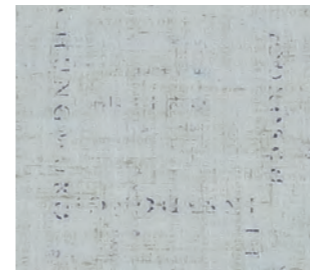
Reverse installation required



AB 28109-01, AB 28112-01

Color of the above product can be different from actual product color.

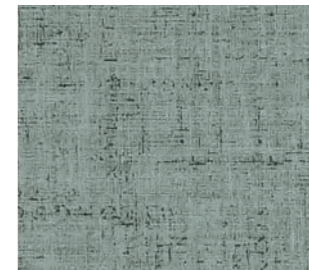
Alphabet



AB 28101-01 Ivory Orchid



AB 28102-01 Cloud Grey



AB 28107-01 Cedar Grey



AB 28105-01 Sand Beige



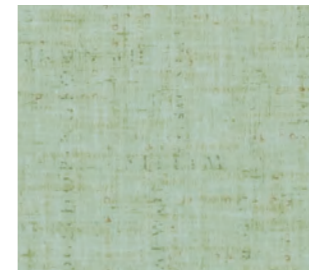
AB 28106-01 Sunset Beige



AB 28108-01 Fuzzy Brown



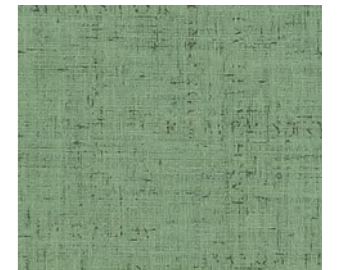
AB 28109-01 Sandcastle Yellow



AB 28111-01 Meadow Green



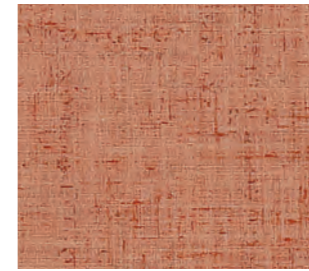
AB 28110-01 Macaron Mint



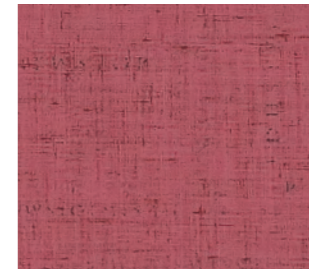
AB 28112-01 Jungle Green



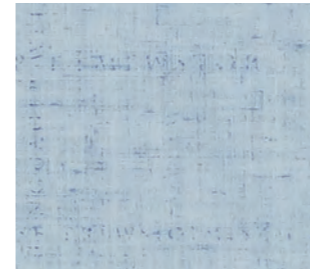
AB 28113-01 Dandelion Yellow



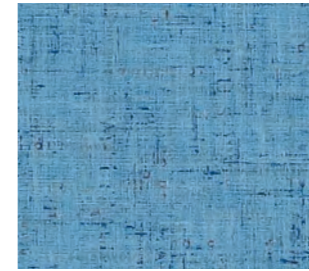
AB 28114-01 Poppy Orange



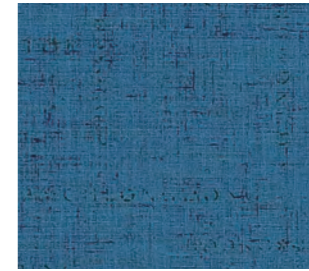
AB 28115-01 Candy Red



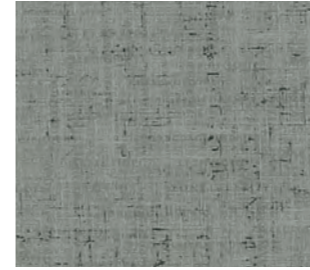
AB 28116-01 Baby Powder Blue



AB 28117-01 Cadet Blue



AB 28118-01 Aquarium Blue



AB 28103-01 Teddy Bear Taupe



AB 28104-01 Sable Black

Commercial Sheet ABC

Type of Flooring	Heterogeneous commercial sheet		
Total thickness	2.0mm	Wear Layer	0.5mm
Width	2M	Length	20M/Roll
Weight	3,000g/m ²	Colors	48 C



Reverse installation required

Puzzle Bloom



AB 28610-01 Pure Lemon



AB 28609-01 Old Pumpkin



AB 28608-01 Floral Red



AB 28611-01 Olive Green



AB 28612-01 Mint Blue



AB 28613-01 Crystal Beach



AB 28614-01 Blueberry



AB 28601-01 Pudding Ivory



AB 28602-01 Cookie Beige



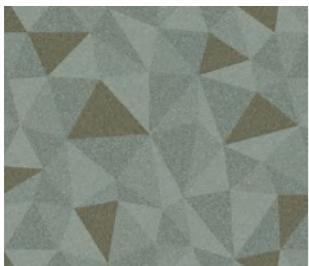
AB 28603-01 Chocolate Brown



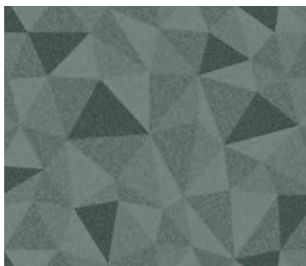
AB 28604-01 Tea Grey



AB 28605-01 Mushroom

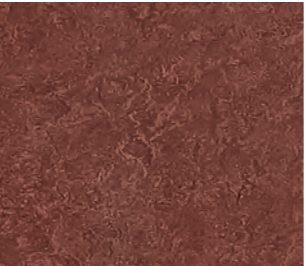


AB 28606-01 Fish Grey



AB 28607-01 Black Bean

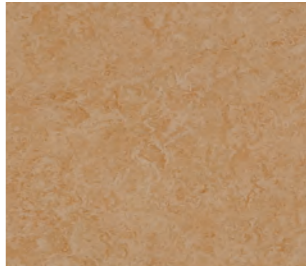
Marmo Mable



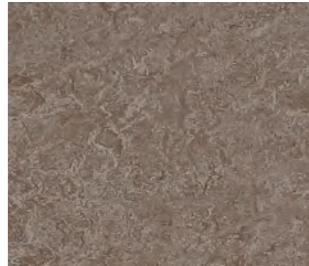
NEW AB 34616-01



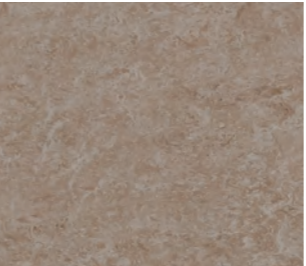
NEW AB 34610-01



NEW AB 34609-01



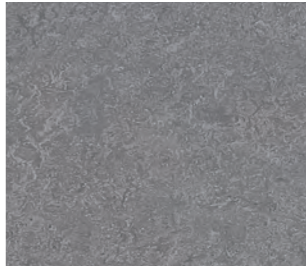
NEW AB 34605-01



NEW AB 34604-01



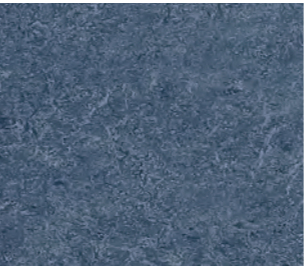
NEW AB 34603-01



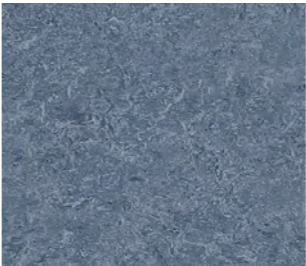
NEW AB 34608-01



NEW AB 34607-01



NEW AB 34612-01



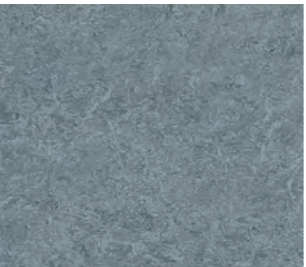
NEW AB 34611-01



NEW AB 34614-01



NEW AB 34606-01



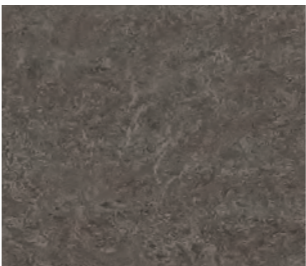
NEW AB 34613-01



NEW AB 34602-01



NEW AB 34615-01



NEW AB 34601-01



AB 28602-01

Color of the above product can be different from actual product color.

Commercial Sheet Supreme 2.0

Type of Flooring	Heterogeneous commercial sheet		
Total thickness	2.0mm	Wear Layer	0.5mm
Width	2M	Length	20M/Roll
Weight	2,950g/m ²	Colors	35 C

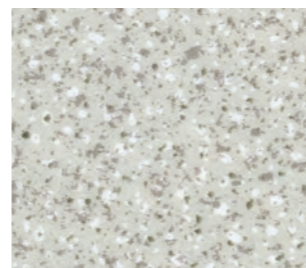


Reverse installation required

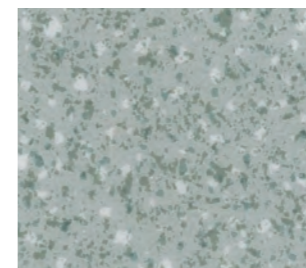


SPR 2543-04

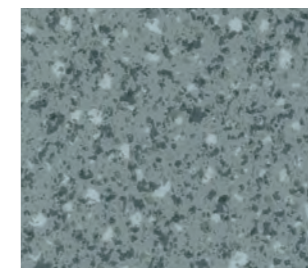
Dot



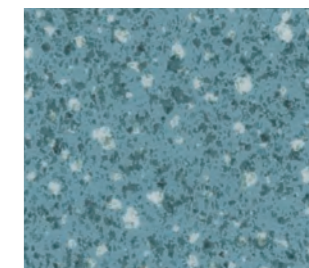
SPR 1317-04



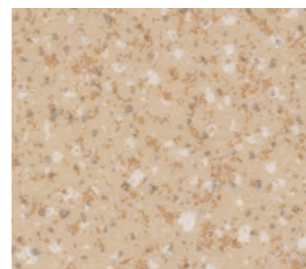
SPR 1303-04



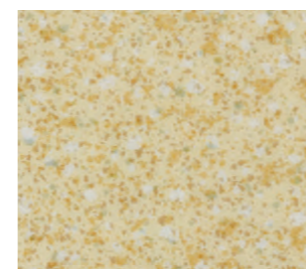
SPR 1307-04



SPR 1309-04



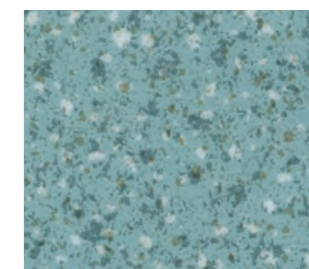
SPR 1302-04



SPR 1313-04

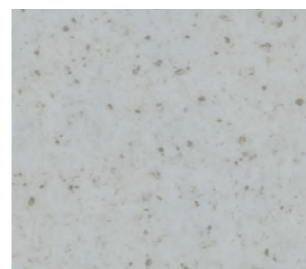


SPR 1314-04



SPR 1310-04

Granite



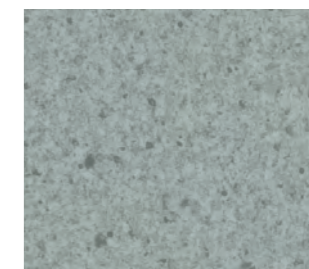
SPR 2541-04



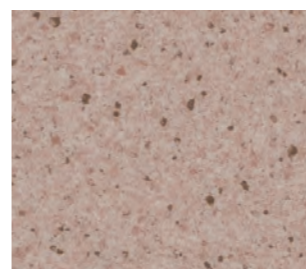
SPR 2543-04



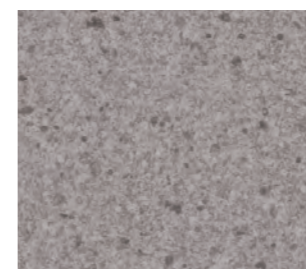
SPR 2544-04



SPR 2542-04



SPR 2546-04



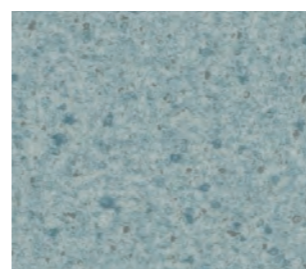
SPR 2548-04



SPR 2547-04



SPR 2545-04



SPR 254A-04



SPR 2549-04

Commercial Sheet Supreme 2.0

Type of Flooring	Heterogeneous commercial sheet		
Total thickness	2.0mm	Wear Layer	0.5mm
Width	2M	Length	20M/Roll
Weight	2,950g/m ²	Colors	35 C



Reverse installation required

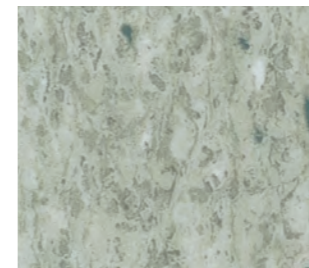


SPR 2821-05

Marble



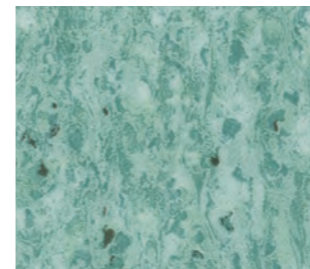
SPR 9031-04



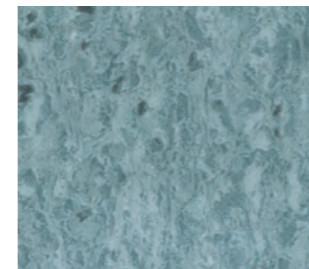
SPR 9037-04



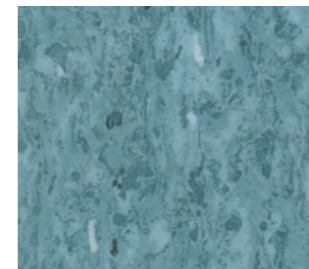
SPR 9032-04



SPR 9033-04



SPR 9039-04



SPR 9034-04

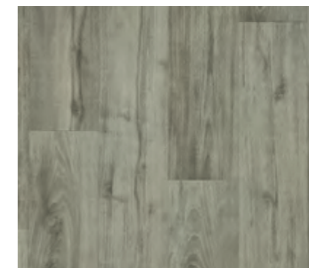
Wood



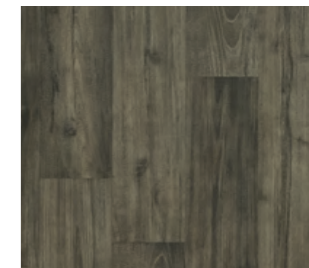
NEW SPR 2822-05



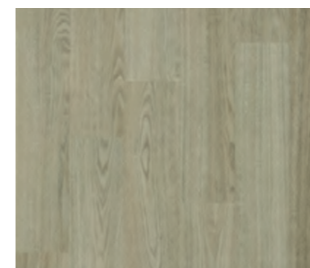
NEW SPR 2821-05



SPR 1828-05



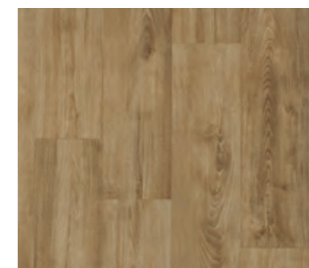
SPR 1827-05



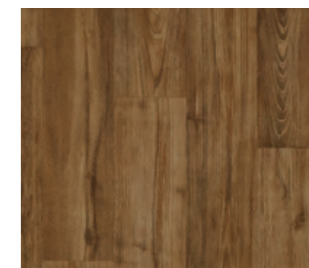
SPR 1801-05



SPR 1802-05



SPR 1825-05



SPR 1826-05



NEW SPR 2823-05



NEW SPR 2824-05



NEW SPR 2825-05

Commercial Sheet **Style**

Type of Flooring	Heterogeneous commercial sheet		
Total thickness	2.0mm	Wear Layer	0.5mm
Width	2M	Length	20M/Roll
Weight	2,950g/m ²	Colors	40 C



ST 31508-01

Ninen



ST 31506-01 Sand Beige



ST 31507-01 Spiced Almond



ST 31508-01 Terra-Cotta



ST 31511-01 Burnt Umber



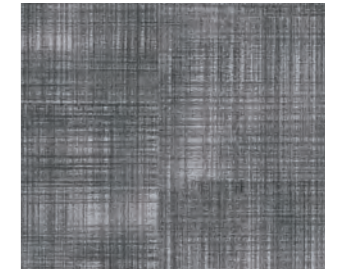
ST 31501-01 Light Ash



ST 31503-01 Meadow Grey



ST 31502-01 Chrome Fiber



ST 31504-01 Charcoal Grey



ST 31512-01 Jewel Sky



ST 31513-01 Lake Blue



ST 31514-01 Midnight Blue



ST 31509-01 Sunflower Yellow



ST 31515-01 Seafoam Green



ST 31510-01 Coral Apricot



ST 31505-01 Hunter Brown



ST 31510-01

Commercial Sheet **Style**

Type of Flooring	Heterogeneous commercial sheet		
Total thickness	2.0mm	Wear Layer	0.5mm
Width	2M	Length	20M/Roll
Weight	2,950g/m ²	Colors	40 C



ST 31407-01



ST 31408-01 Twilight Blue



ST 31407-01 Iris Blue



ST 31402-01 Cloud Grey



ST 31401-01 Arctic Grey

Beaded Carpet



ST 31411-01 Zest Yellow



ST 31403-01 Aqua Brown

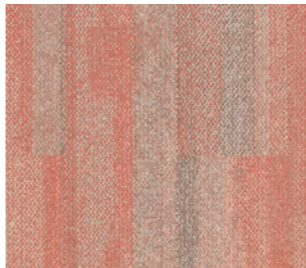


ST 31404-01 Caramel Brown



ST 31405-01 Pasture Earth

Beaded Carpet



ST 31412-01 Grapefruit



ST 31410-01 Sage Green



ST 31409-01 Blue Turquoise



ST 31406-01 Graphite

Foliage Concrete



ST 31604-01 Slate Grey



ST 31602-01 Coal Grey



ST 31606-01 Earth Tan



ST 31608-01 Azure Midnight



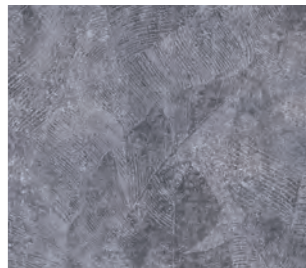
ST 31603-01 Slate Grey (F)



ST 31601-01 Coal Grey (F)



ST 31605-01 Earth Tan (F)



ST 31607-01 Azure Midnight (F)

* (F): This product comes in both the concrete visual with the leaf overlay.

Native Grain



ST 31701-01 Golden Harvest



ST 31702-01 Natural Wheat



ST 31703-01 Organic Spice



ST 31704-01 River Stone



ST 31705-01 Saddle Ebony

Commercial Sheet **Durable**

Type of Flooring	Heterogeneous commercial sheet		
Total thickness	2.0mm	Wear Layer	0.7mm
Width	2M	Length	20M/Roll
Weight	3,050g/m ²	Colors	65 C











 Reverse installation required



DU 99921-01, DU 99919-01

Color of the above product can be different from actual product color.

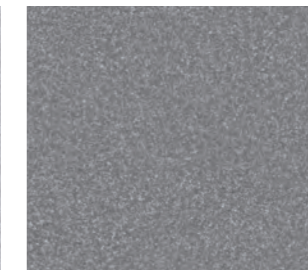
Rock



NEW DU 99915-01



NEW DU 99916-01



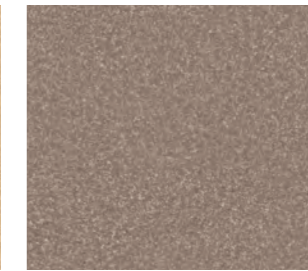
NEW DU 99917-01



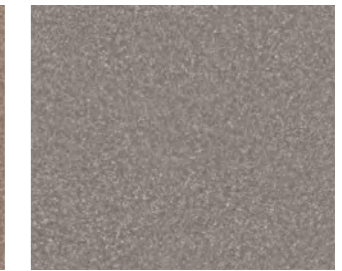
DU 99902-01



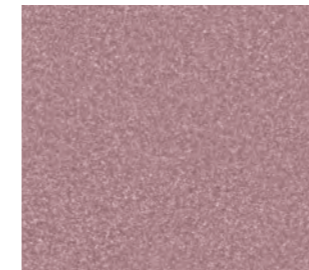
NEW DU 99921-01



NEW DU 99919-01



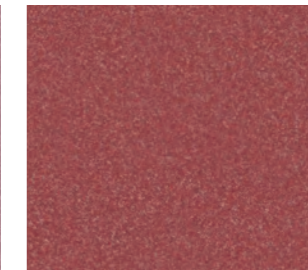
NEW DU 99918-01



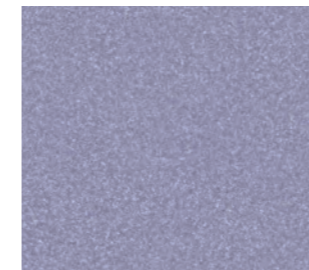
NEW DU 99920-01



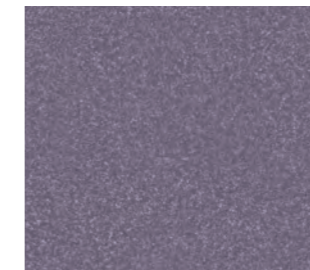
NEW DU 99922-01



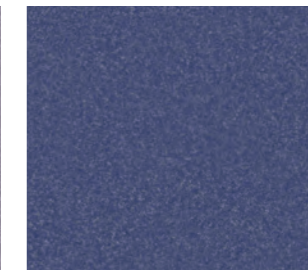
NEW DU 99928-01



NEW DU 99926-01



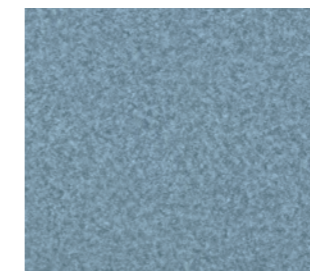
NEW DU 99927-01



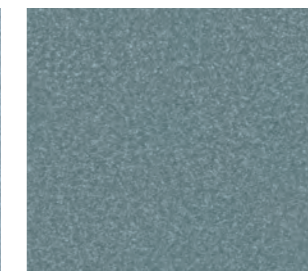
NEW DU 99925-01



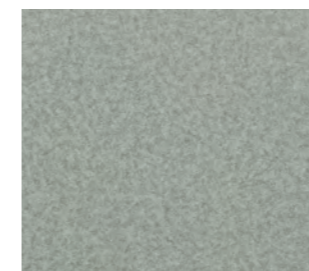
DU 99905-01



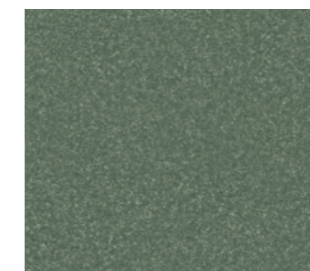
DU 99906-01



NEW DU 99924-01



DU 99911-01



NEW DU 99923-01

Commercial Sheet **Durable**

Type of Flooring	Heterogeneous commercial sheet		
Total thickness	2.0mm	Wear Layer	0.7mm
Width	2M	Length	20M/Roll
Weight	3,050g/m ²	Colors	65 C

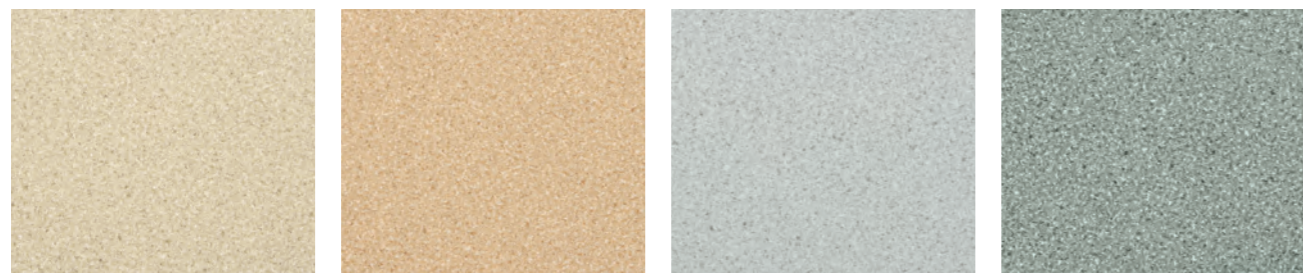


Reverse installation required



DU 90012-01

Grand



DU 90001-01

DU 90002-01

DU 90004-01

DU 90006-01

Grand



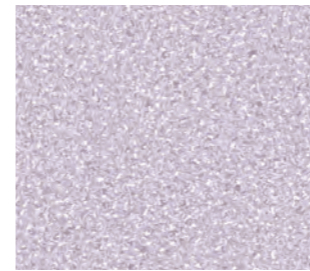
NEW DU 90011-01



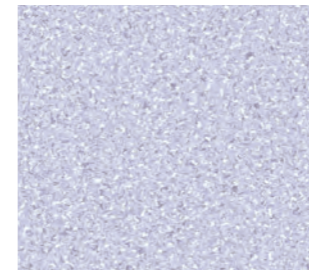
NEW DU 90012-01



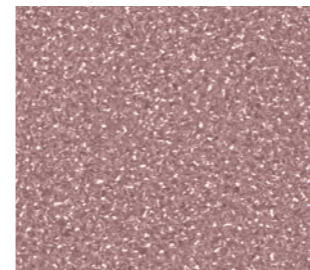
NEW DU 90013-01



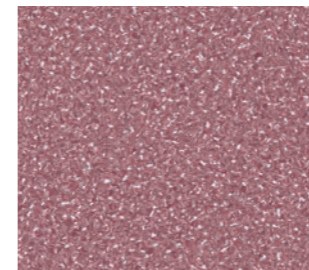
NEW DU 90019-01



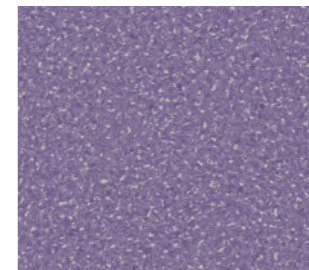
NEW DU 90020-01



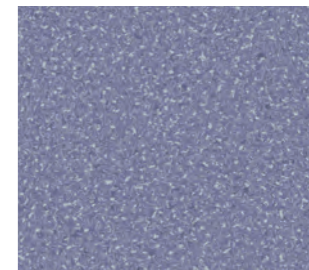
NEW DU 90018-01



NEW DU 90017-01



NEW DU 90022-01



NEW DU 90021-01



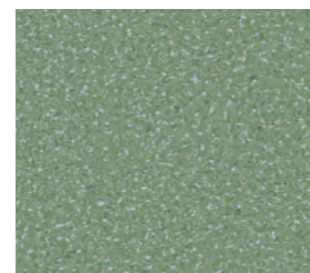
NEW DU 90016-01



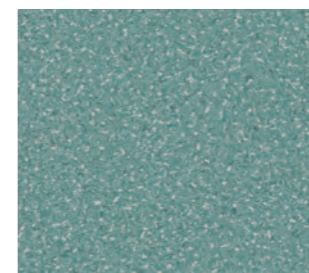
NEW DU 90014-01



NEW DU 90015-01



NEW DU 90023-01



NEW DU 90024-01

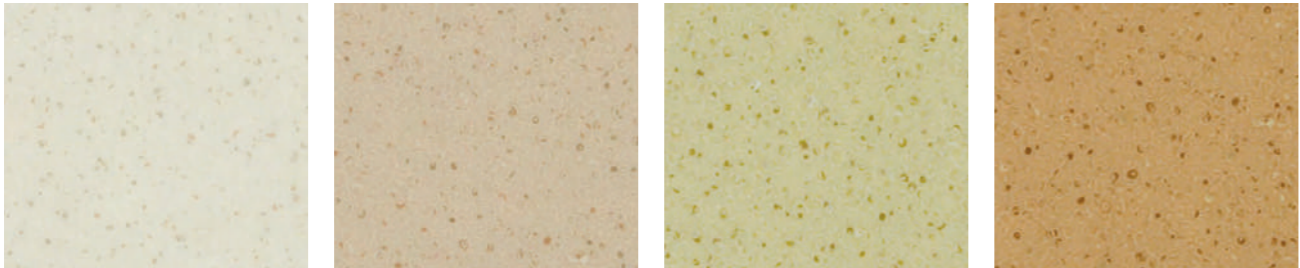
Commercial Sheet **Durable**

Type of Flooring	Heterogeneous commercial sheet		
Total thickness	2.0mm	Wear Layer	0.7mm
Width	2M	Length	20M/Roll
Weight	3,050g/m ²	Colors	65 C

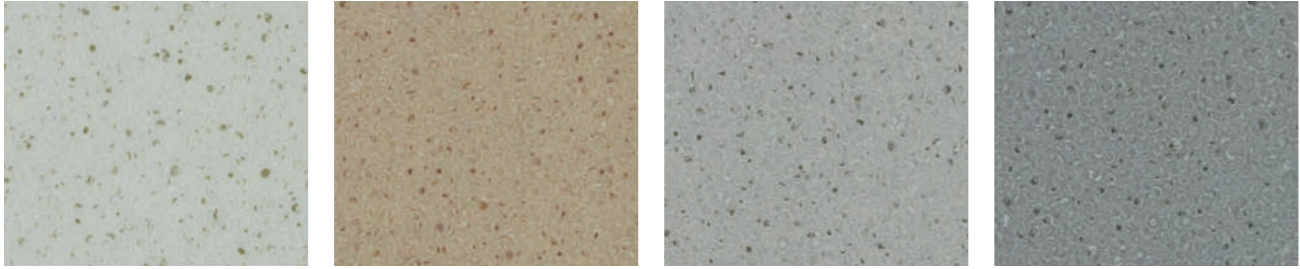


Reverse installation required

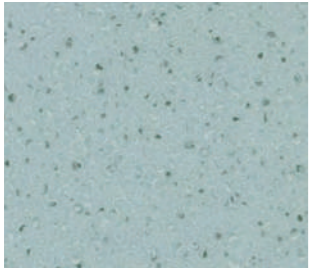
Gabbro



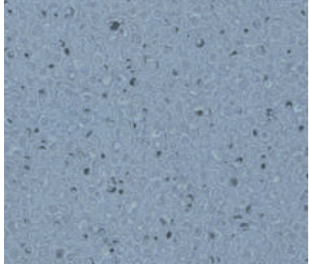
DU 71841-01 DU 71842-01 DU 71848-01 DU 71844-01



DU 71845-01 DU 71843-01 DU 71846-01 DU 71847-01



DU 71849-01

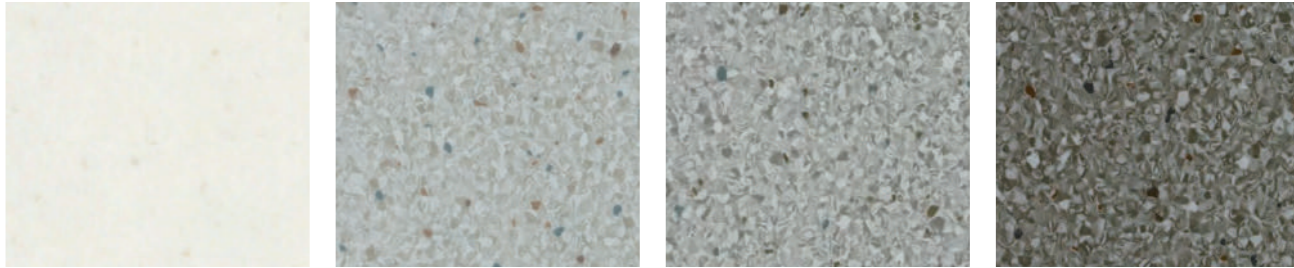


DU 7184A-01

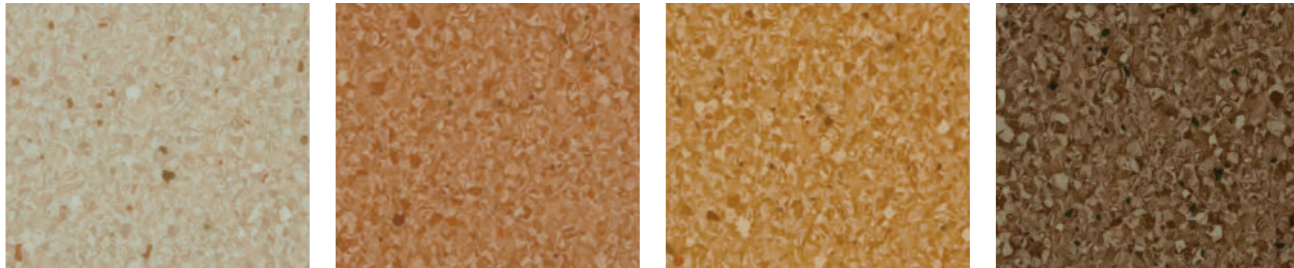


DU 71845-01

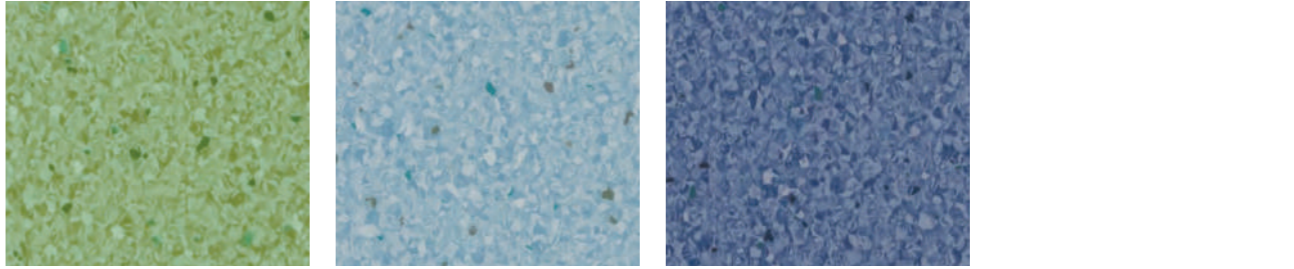
Diorite



DU 7183B-01 DU 71831-01 DU 71832-01 DU 71833-01



DU 71834-01 DU 71835-01 DU 71836-01 DU 71837-01



DU 7183A-01 DU 71838-01 DU 71839-01

Wood



DU 98083-01 DU 98086-01 DU 98085-01 DU 98084-01



NEW DU 93471-01 **NEW** DU 93472-01 **NEW** DU 93475-01 **NEW** DU 93476-01


Heterogeneous Sheet


Durable

Color of the above product can be different from actual product color.

Commercial Sheet **MediStudio**

Type of Flooring	Heterogeneous commercial sheet		
Total thickness	2.0mm/3.0mm	Wear Layer	0.7mm
Width	2M	Length	20M/Roll
Weight	2.0 : 3,050g/m ² 3.0 : 2,653g/m ²	Colors	44 C



 Reverse installation required



UN 26031, UN 26032

Color of the above product can be different from actual product color.

Energetic Striation



Code	Format	Size
UN xxxxx-01	Compact	2.0mm X 2,000mm X 20M/Roll
UN xxxxx-02	Comfort	3.0mm X 2,000mm X 20M/Roll

Commercial Sheet MediStudio

Type of Flooring	Heterogeneous commercial sheet		
Total thickness	2.0mm/3.0mm	Wear Layer	0.7mm
Width	2M	Length	20M/Roll
Weight	2.0 : 3,050g/m ² 3.0 : 2,653g/m ²	Colors	44 C



Reverse installation required



UN 25933

Harmonious Grain



UN 25702

UN 25707

UN 25701

UN 25703



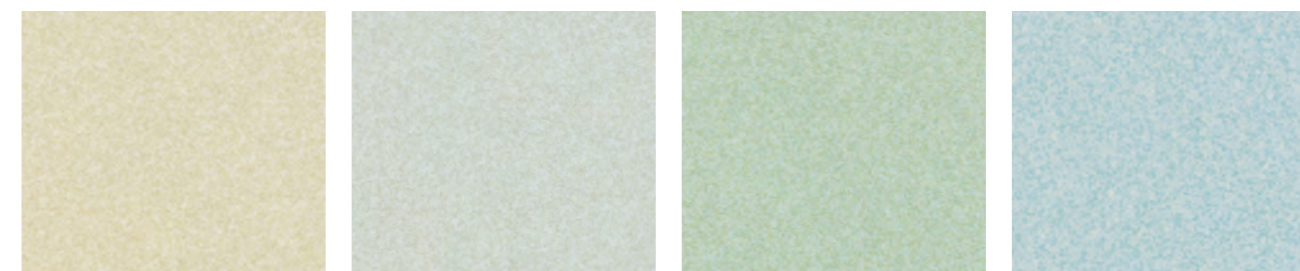
UN 25704

UN 25708

UN 25705

UN 25706

Nourishing Mineral

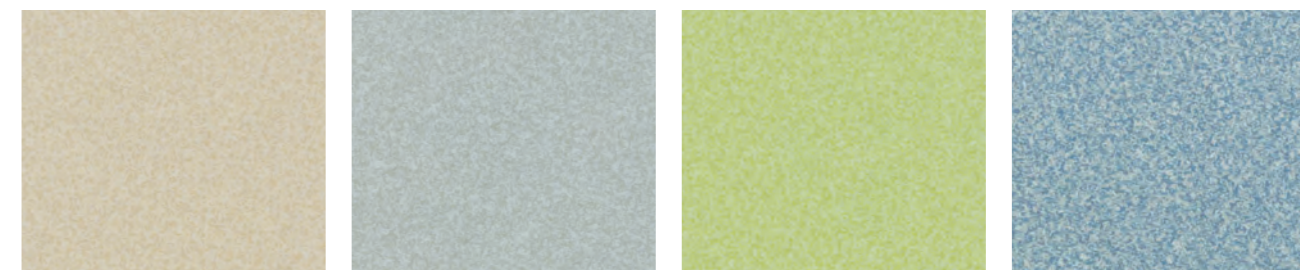


UN 25933

UN 25943

UN 25922

UN 25913

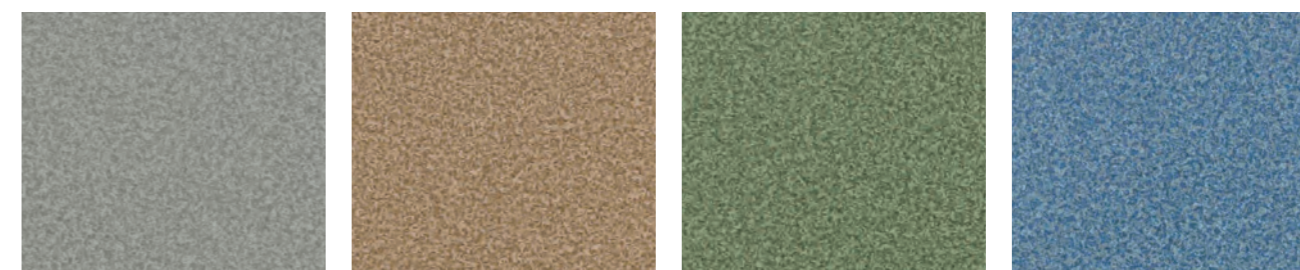


UN 25932

UN 25942

UN 25923

UN 25912



UN 25941

UN 25931

UN 25921

UN 25911



NEW UN 25963

NEW UN 25962

NEW UN 25961



NEW UN 25953

NEW UN 25952

NEW UN 25951

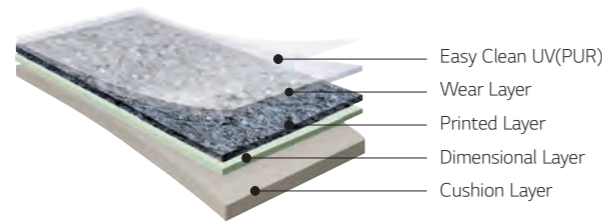
Code	Format	Size
UN xxxxx-01	Compact	2.0mm X 2,000mm X 20M/Roll
UN xxxxx-02	Comfort	3.0mm X 2,000mm X 20M/Roll

Acoustic Sheet



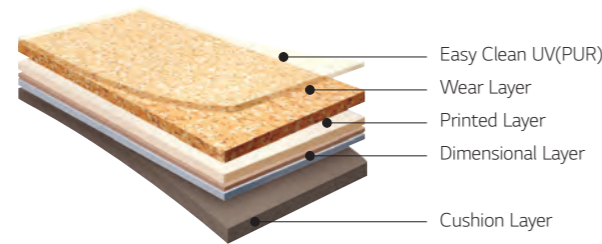
Basic Construction

Delight 2.2



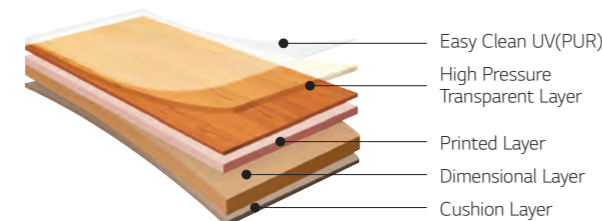
- **Modernized fashion**
Hologram applied surface emphasized its reality
- **Excellent chemical resistance**
Specially customized surface coating reinforces chemical resistance
- **Easy cleaning and low maintenance cost**
No Wax & No Polish applied on the PUR treated surface

Calmpasso 3.2/Comfort 3.4



- **Superior impact sound reduction with high wear resistance.**
- **Comfortable pattern & color for healthcare facilities.**
- **Superior abrasion - resistance wear layer**
: 0.7mm for 3.2mm/3.4mm
- **Easy cleaning and low maintenance cost**
No Wax & No Polish applied on the PUR treated surface

EQ floor 6.0



- **Excellent shock absorption**
- **The cushioning effect minimizes surface noise**
- **Ease cleaning and low maintenance cost**
No Wax & No Polish applied on the PUR treated surface

Technical Data

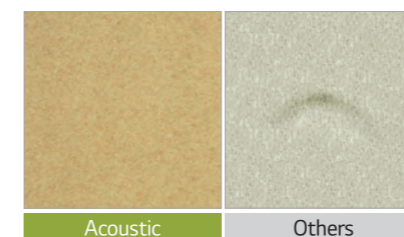
Characteristic	Standard	Unit	Delight 2.2	Calmpasso 3.2	Comfort 3.4	Leisure 4.0	Senior 4.5	EQ Floor 6.0
Surface Treatment			Easy Clean UV					
Format			Sheet	Sheet	Sheet	Sheet	Sheet	Sheet
Classification	ISO 10874(EN 685)		23-31		32-42			
Roll length		M	20	20	20	20	23	13
Width	ISO 24341(EN 426)	mm	2,000	2,000	2,000	1,800	1,830	1,830
Thickness	ISO 24346(EN 428)	mm	2.2	3.2	3.4	4.0	4.5	6.0
Weight	ISO 23997(EN 430)	g/m ²	2,200	2,650	2,950	3,000	3,000	4,400
Wear layer thickness	ISO 24340(EN 429)	mm	0.5	0.7	0.7	0.5	0.6	1.0
Residual indentation	ISO 24343-1(EN 433)	mm			< 0.2			
Dimensional stability	ISO 23999(EN 434)	%	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
Color fastness to light	ISO 105-B02		≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6
Wear class	EN 660-2		T	T	T	T	T	T
Castor chair test	ISO 4918(EN 425)		Fulfilled	Fulfilled	Fulfilled	Fulfilled	Fulfilled	Fulfilled
Furniture Leg	EN 424		No Damage	No Damage	No Damage		No Damage	No Damage
Reaction to fire	EN 13501-1		Bfl-s1	Bfl-s1	Bfl-s1	Bfl-s1	Cfl-s1	Cfl-s1
Chemical resistance	ISO 26987(EN 423)		Good	Good	Good	Good	Good	Good
Slip resistance	EN 13893		DS	DS	DS	DS	DS	DS
	DIN 51130			R9	R10	R9	R9	R9
Impact sound reduction	EN ISO 10140	dB	16	17	19	18	18	21
Flexibility	ISO 24344(EN 435)		No crack	No crack	No crack	No crack	No crack	No crack
Body voltage	EN 1815	kV	< 2	< 2	< 2	< 2		< 2
TVOC after 28days	ISO 16000-6	mg/m ³	< 100	< 100	< 100			
Thermal resistance	EN 12664	m ² K/W	suitable for underfloor heating	suitable for underfloor heating	suitable for underfloor heating	suitable for underfloor heating	suitable for underfloor heating	suitable for underfloor heating

Features

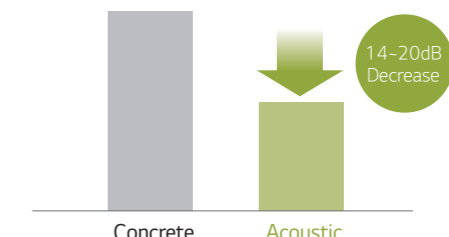
Easy Clean UV Surface Treatment

- Highly dense web-structured coating
- Uniquely strong resistance to contamination
- ※ Polish or wax coating is not allowed without stripping process

Superior durability by reinforced wear layer



Excellent foamed construction for sound absorption



Delight 2.2

Type of Flooring	Heterogeneous acoustic sheet		
Total thickness	2.2mm	Wear Layer	0.5mm
Width	2M	Length	20M/Roll
Weight	2,200g/m ²	Colors	34 C



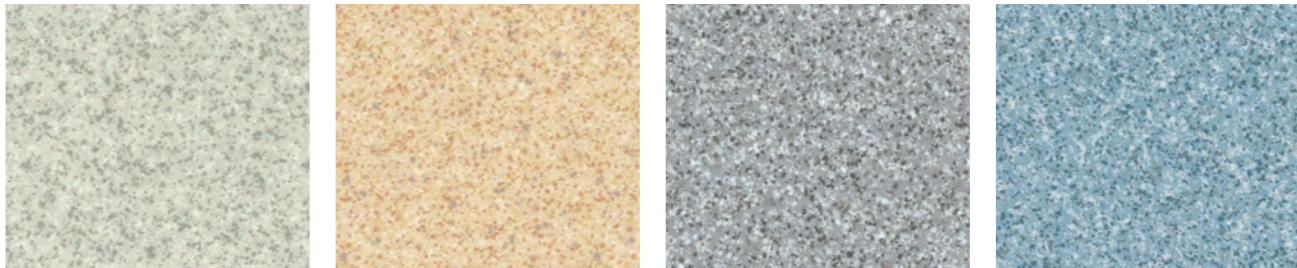
Reverse installation required



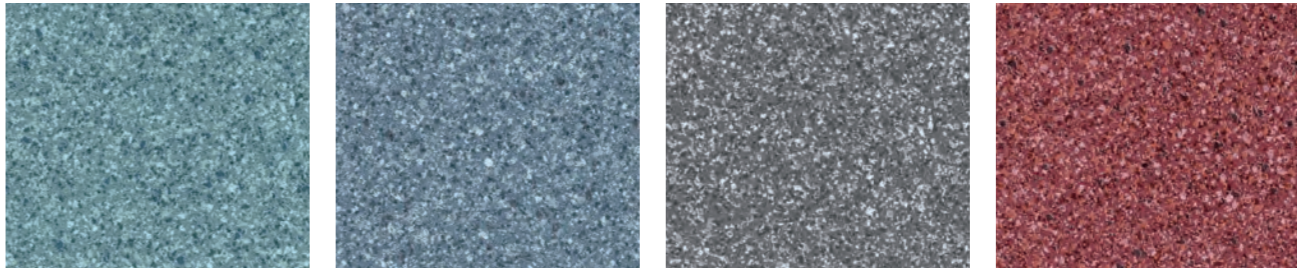
DLT 8839-01, DLT 8832-01, DLT 8834-01

Color of the above product can be different from actual product color.

DLT 8 series



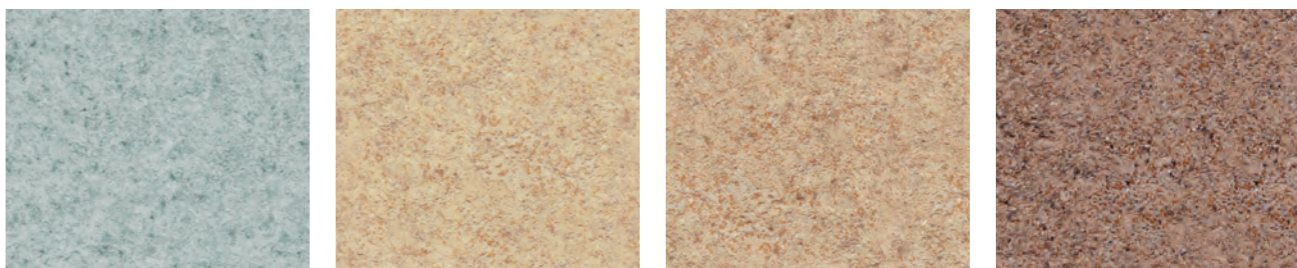
DLT 8831-01/02 DLT 8832-01-02 DLT 8835-01/02 DLT 8836-01/02



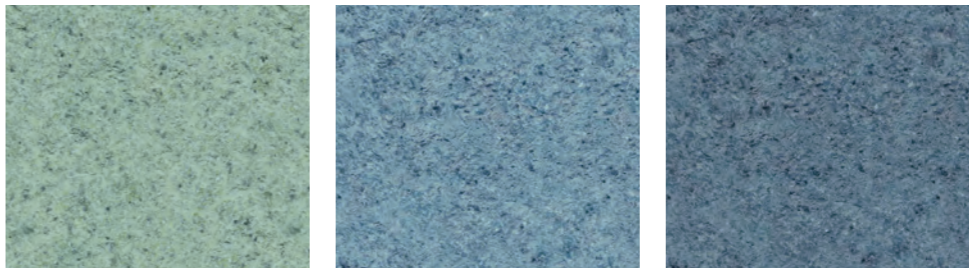
DLT 8837-01/02 DLT 8839-01/02 DLT 8833-01/02 DLT 8834-01/02

*01 : Hologram film applied. / 02 : No Hologram film applied.

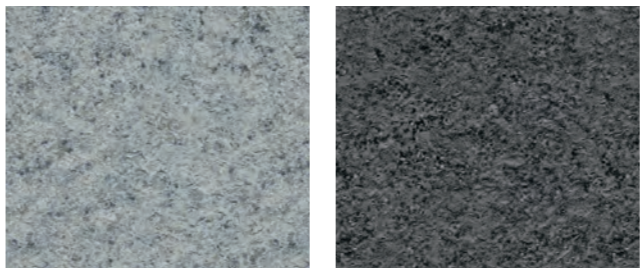
DLT 9 series



DLT 9101-01/02 DLT 9102-01/02 DLT 9103-01/02 DLT 9104-01/02



DLT 9106-01/02 DLT 9105-01/02 DLT 9100-01/02



DLT 9109-01/02 DLT 9108-01/02

*01 : Hologram film applied. / 02 : No Hologram film applied.

Heterogeneous Sheet

Delight 2.2

Calmpasso 3.2

Type of Flooring	Heterogeneous acoustic sheet		
Total thickness	3.2mm	Wear Layer	0.7mm
Width	2M	Length	20M/Roll
Weight	2,650 g/m ²	Colors	22 C



Reverse installation required



CP 93510-11, CP 93502-11

Color of the above product can be different from actual product color.

CP934 series



CP 93406-11



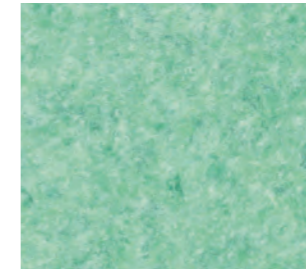
CP 93401-11



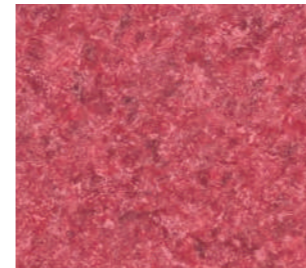
CP 93402-11



CP 93405-11



CP 93404-11



CP 93403-11



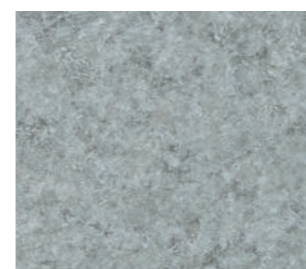
CP 93410-11



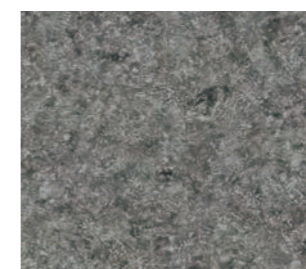
CP 93409-11



CP 93412-11



CP 93407-11



CP 93408-11

Calmpasso 3.2

Type of Flooring	Heterogeneous acoustic sheet		
Total thickness	3.2mm	Wear Layer	0.7mm
Width	2M	Length	20M/Roll
Weight	2,650 g/m ²	Colors	22 C



Reverse installation required



CP 91808-11

Color of the above product can be different from actual product color.

CP 935 series



CP 93501-11



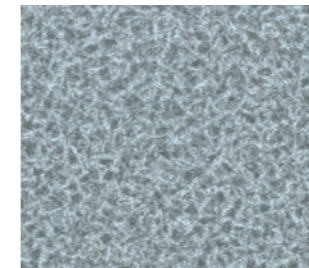
CP 93502-11



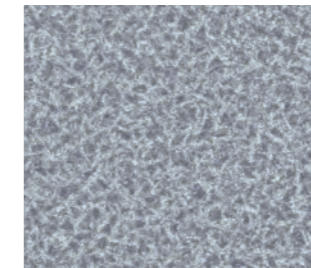
CP 93504-11



CP 93510-11

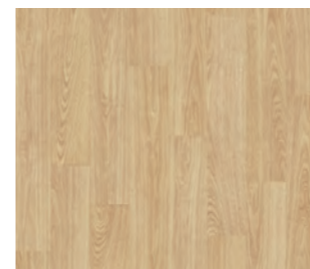


CP 93508-11



CP 93506-11

Wood



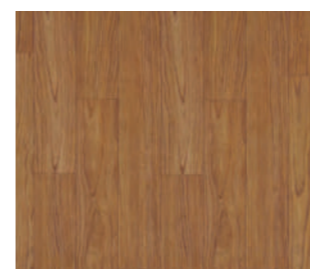
NEW CP 91808-11



NEW CP 92702-11



NEW CP 92703-11



NEW CP 92003-11



NEW CP 28205-11

Comfort 3.4

Type of Flooring	Heterogeneous acoustic sheet		
Total thickness	3.4mm	Wear Layer	0.7mm
Width	2M	Length	20M/Roll
Weight	2,950 g/m ²	Colors	10 C

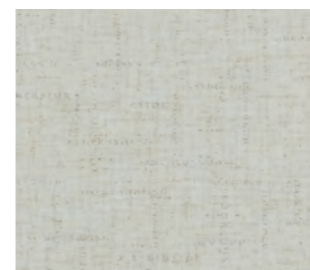


Reverse installation required



CF 31505-02

Color of the above product can be different from actual product color.



NEW CF 28105-02



NEW CF 28102-02



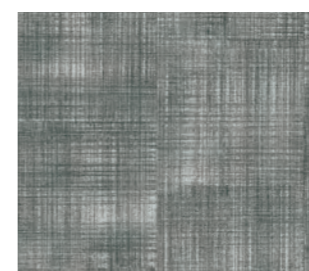
NEW CF 28103-02



NEW CF 28117-02



NEW CF 31503-02



NEW CF 31504-02



NEW CF 31505-02



NEW CF 31507-02



NEW CF 31511-02



NEW CF 31513-02



CF 31507-02

Leisure 4.0

Type of Flooring	Heterogeneous acoustic sheet		
Total thickness	4.0mm	Wear Layer	0.5mm
Width	1.8M	Length	16M/Roll
Weight	3,000g/m ²	Colors	15 C



Reverse installation required



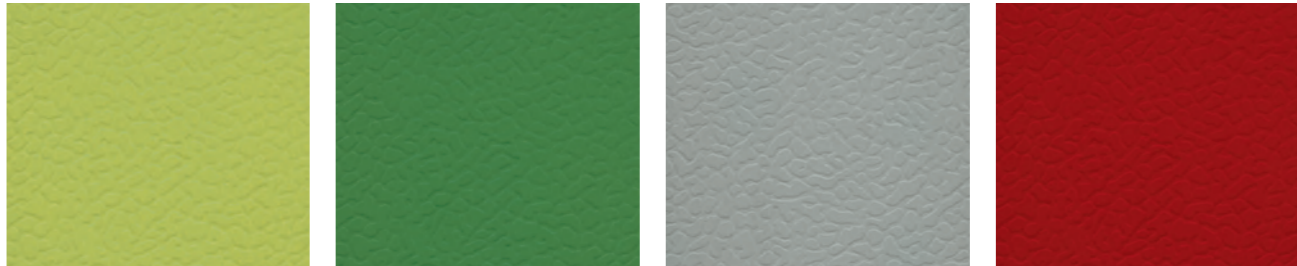
LES 6501-01, LES 6601-01

Color of the above product can be different from actual product color.

Solid



LES 6501-01 Yellow LES 6700-01 Pink LES 6901-01 Orange LES 6403-01 Sky Blue

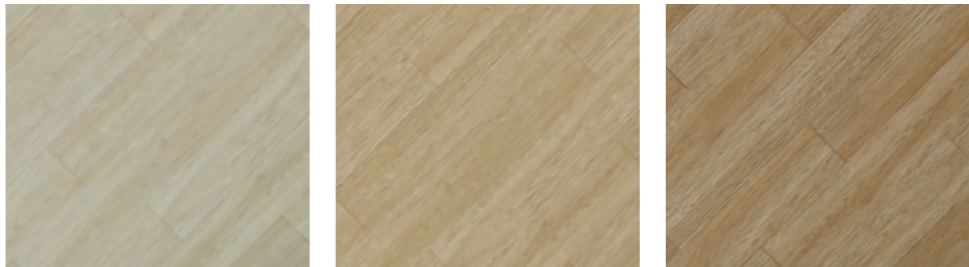


LES 6601-01 Green LES 6606-01 Dark Green LES 6303-01 Gray LES 6200-01 Red



LES 6701-01 Purple LES 6400-01 Dark Blue

Wood



LES 2501-01 Creamy Oak LES 2502-01 Sand brown Oak LES 2503-01 Light saddle Oak



LES 0055-01 Monsoon Teak LES 0056-01 Tropical Teak

Heterogeneous Sheet Leisure 4.0

Senior 4.5

Type of Flooring	Heterogeneous acoustic sheet		
Total thickness	4.5mm	Wear Layer	0.6mm
Width	1.83M	Length	23M/Roll
Weight	3,000g/m ²	Colors	3 C

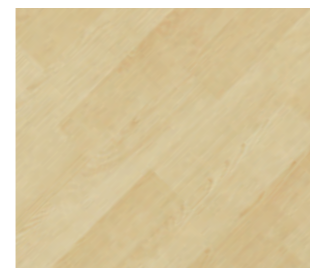


Reverse installation required

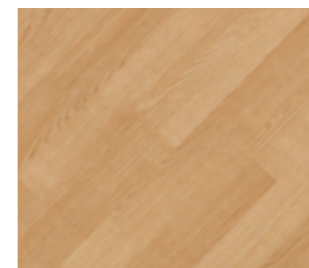


SNR 2911-01

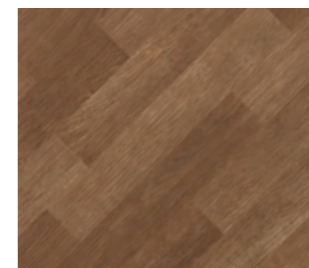
Wood



SNR 2911-01



SNR 2912-01



SNR 2903-01



SNR 2912-01

Color of the above product can be different from actual product color.

EQ Floor 6.0

Type of Flooring	Heterogeneous acoustic sheet		
Total thickness	6.0mm	Wear Layer	1.0mm
Width	1.83M	Length	13M/Roll
Weight	4,400g/m ²	Colors	13 C



Reverse installation required



EQF 2455-11, EQF 2456-11

Color of the above product can be different from actual product color.

Wood



EQF 50012-11 EQF 1702-11 EQF 8576-11 EQF 8882-11

Marmo

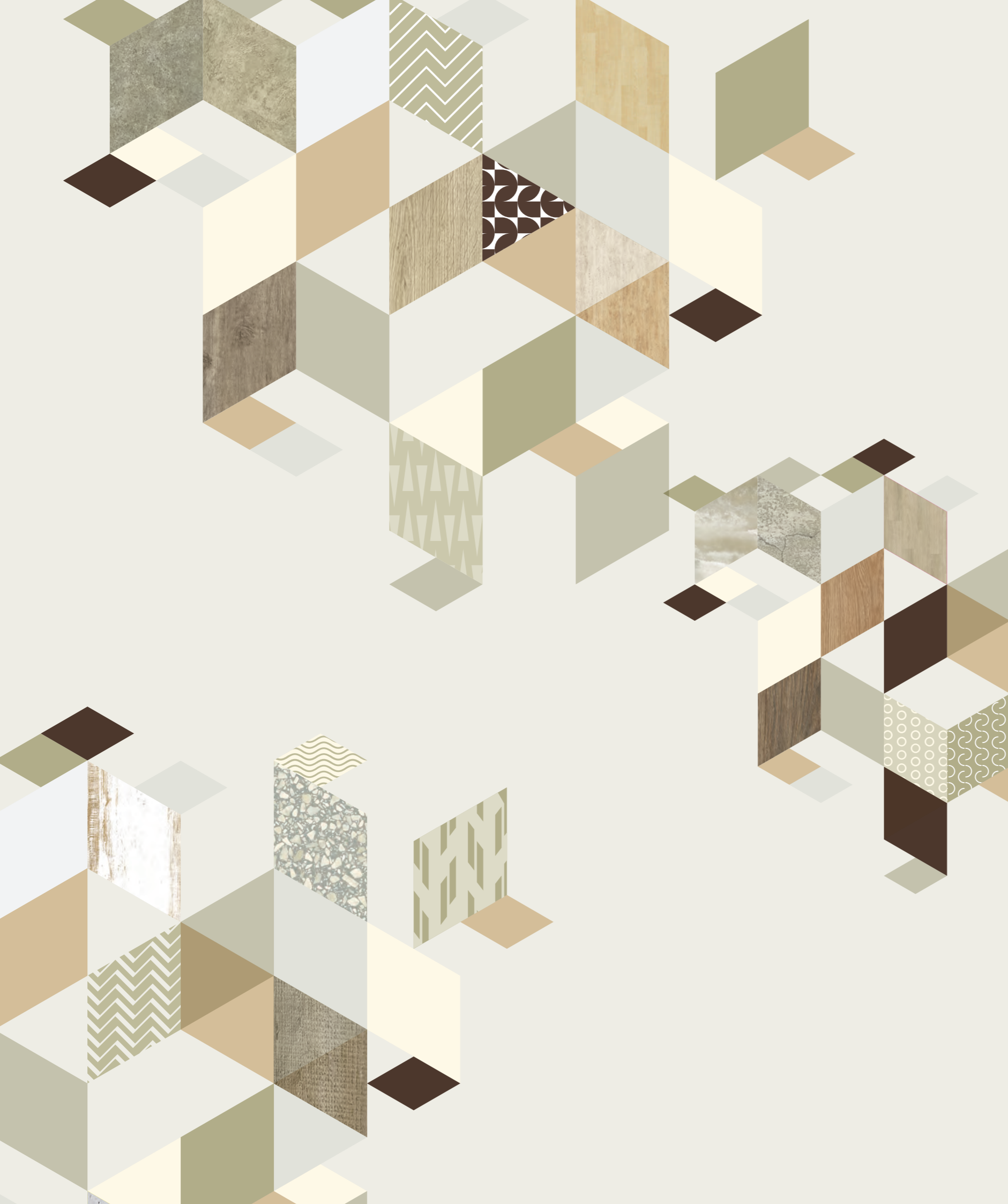


EQF 2456-11 EQF 2455-11 EQF 2454-11
EQF 2452-11 EQF 2453-11 EQF 2451-11

Carpet



EQF 9512-11 EQF 9513-11 EQF 9511-11



Luxury Vinyl Tile



- PRESTG
- DECORIGID
- DECOTILE
- DECOCLICK
- DECOLAY
- Design Collection

Luxury Vinyl Tile line-up

PRESTG

The premium flooring PRESTG featuring LG Hausys' top-class technology and design philosophy reproducing the original texture and look of fine wood and stones, and maintaining the beauty of nature for a long time to give customers new experiences.

- More Beautiful than nature
- Big size design & size (600x600/ 228x1,523)
- High-resolution REALITY image
- Prevents floor transfer (5T)

DECOTILE

Available in 2 different specs as a traditional glue down installation technique suitable for all home environments. DECOTILE 0.3 is a budget friendly tiled plank without a bevelled edge. Perfect for those who are looking for a gorgeous floorcovering choice with a level of flexibility. DECOTILE 0.55 has a thicker wear layer of 0.55mm which makes it more of a suitable choice for areas of high footfall or in general commercial installations. A huge variety of 200 colours across wood and stone effects from light colours through mid tones to darker hues. With both DECOTILE specs, existing floor covering will need to be removed and the subfloor will need to be smooth and any damp issues resolved, so a professional installation service is recommended. Speak to your local independent and expert retailer who will be able to advise about the best product for your specific situation.



• Glue down

DECORIGID

A choice of 36 popular wood effect and 21 best selling stone effect tiles throughout the light to dark colour spectrum with the same spec as DECOCLICK but with a general commercial wear rating and rigid technology to enable the product to be laid on unprepared subfloors or old flooring. Rigid plank technology eliminates ripples and waves caused by uneven subfloors. Perfect for areas of high footfall or more traditional properties where time and cost implications may prevent a change in floor covering. Whilst it can also be installed DIY, we recommend a professional installation service if protecting original floors. Please seek expert advice from your local, independent retailer who can advise as to the best product for your specific installation.

DECOCLICK

Click together installation is a great alternative to traditional glue down for those wanting to save time during installation. There's no need to remove previous hard floors and no need for adhesive. It also means no dust - simply click together and begin furnishing your home. DECOCLICK can be installed professionally or as a DIY installation to save you costs. Our locking unit is also 30% stronger than the locking strength of competitors tiles. As click together tiles are floating floors, they can only be laid in temperature controlled environments to minimise expansion and contraction. If you're unsure which tile is most suitable for your installation, speak to your local independent and expert retailer who will be able to advise about the best product for your specific situation.

DECOLAY

Looselay vinyl flooring has developed to reduce installation time and allow access to underfloor utilities. Under the right conditions these tiles can be placed on the subfloor without any adhesive. This helps to make them an easy installation option for anyone and everyone. We offer a range of loose lay floors for both commercial settings and domestic properties



• Looselay



• Click

Luxury Vinyl Tile line-up

Surface Embo Type

C-EIR Embo Type



C-EIR

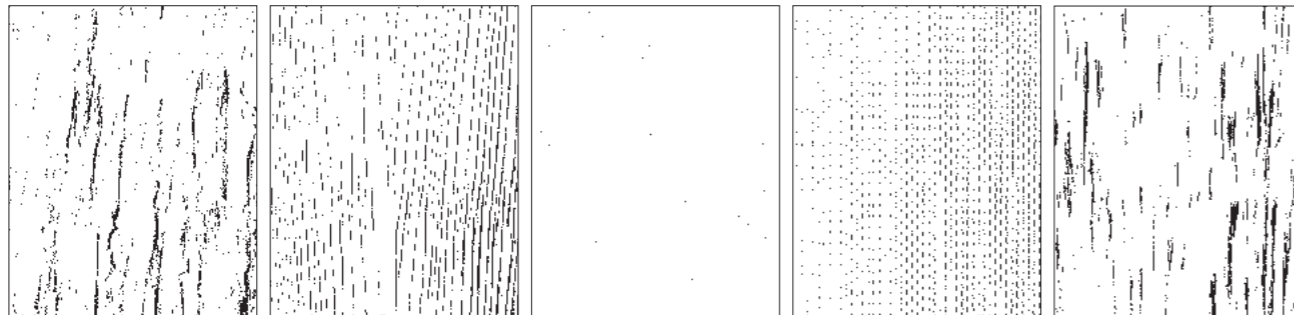
Continuous Embossed in Register

A technique that realistically expresses the texture of natural materials by matching the prints and surface embossing continuously and reducing repetitiveness.

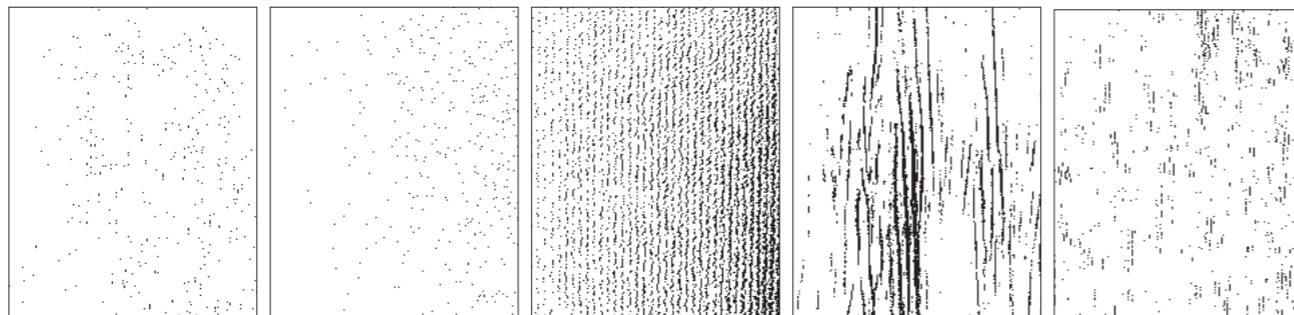
Every C-EIR has a different embo type according to the each pattern.

* C-EIR is only applicable to wear layer 0.55mm products.

General Embo Type



• Carving • Deep Wood • Smooth • Woven • Botanic Wood



• Modern • Metal • Carpet • Rough Wood • Light Ticking

LVT Code

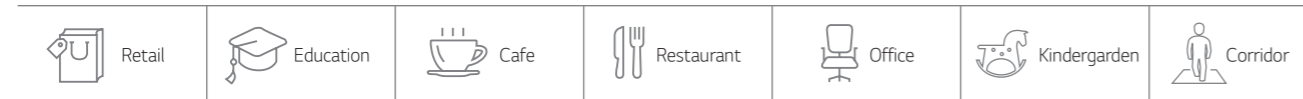
PRODUCTS	Code	Specification	
		Thickness	W/L
DECOTILE(Plank)	DSW	3T	0.55
	DLW	3T	0.3
	GSW	2.5T	0.55
	RLW	2T	0.3
	DEW	3T	0.15
DECOTILE(Square)	DTS	3T	0.55
	DTL	3T	0.3
	GTS	2.5T	0.55
	RTL	2T	0.3
	DTE	3T	0.15
LVT	HLW	3.2T	0.3
	ILW	4.0T	0.3
DECOCLICK	ISW	4.0T	0.55
	PTS(Square)	5.0T	0.55
PRESTG	PSW(Wood)	5.0T	0.55
	QSW(Wood)	5.0T(Acoustic)	0.55
DECOLAY	TSW(Wood)	5.0T	0.55
	TTS(Square)	5.0T	0.55
DECORIGID	PCW(Wood)	4.5T/6.0T(with Foam)	0.55
	PTC(Square)	4.5T/6.0T(with Foam)	0.55

Product Comparison

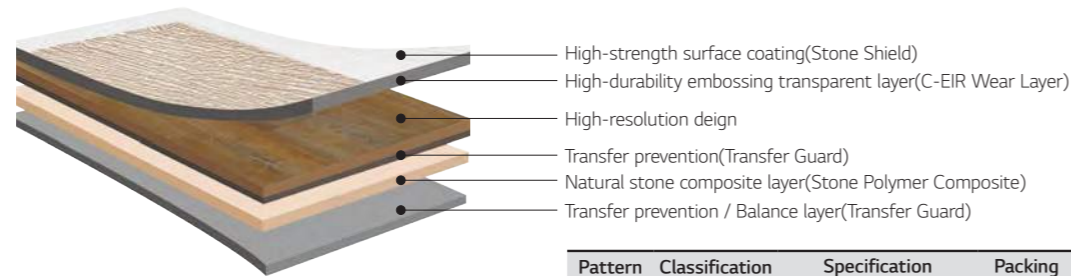
Characteristic	DECOTILE (Dryback)	PRESTG	DECORIGID (RCB)	DECOCLICK	DECOLAY (Looselay)
Total Thickness (mm)	2.5 3.0 (2.0)*	5.0	4.5 6.0 (With Foam)	3.2 4.0	5.0
Wear Layer (mm)	0.3 0.55 (0.7)*	0.55	0.3 0.55 (0.7)*	0.3 0.55 (0.7)*	0.55 0.7
Product Option	450x450 600x600 (300x600)* (914.4x914.4)*	600x600	310x605	310x605	600x600 (300x600)* (914.4x914.4)*
Plank Size (mm)	150x1,200 180x1,200 180x920 150x920 (228.6x1,523)*	228,6x1,523	180x1,220 150x1,220 (220x1,500)*	180x1,220 150x1,220 (220x1,500)*	150x1,200 180x1,200 (225x1,200)* (228.6x1,219.2)* (228.6x1,523)* (228.6x1,778)*
Bevelled Edge	Option	Option	Option	Yes	No
MOQ (Minimum OrderQuantity)	3 Pallets(2.0T/2.5T) 4 Pallets(3.0T)	5 Pallets	5 Pallets	4 Pallets (3.2T) 5 Pallets (4.0T)	5 Pallets

(*) → The size and thickness are available, but please contact salesperson in advance.

PRESTG



Basic Construction



Pattern	Classification	Specification	Packing
Stone Visual	PTS	5(T)×600(W)×600(L) mm	5pcs/Box (1.80m ²)
Wood Visual	PSW	5(T)×228.6(W)×1523(L) mm	6pcs/Box (2.09m ²)

Technical Data

Characteristic	Standard	Unit	5.0T(W/L 0.5mm)
Type of Flooring	EN ISO 10582	-	PVC Heterogeneous
Classification	EN 685	-	Class 23/33/42
Size	EN ISO 24342	%	≤0.15
Straightness & Squareness		mm	≤0.35
Overall Thickness	EN ISO 24346	mm	5.0
Wear Layer Thickness	EN ISO 24340	mm	0.55
Dimensional stability	EN 434	%	≤0.25
Heat Distortion Temperature	ISO 75-1	°C	≥35
Residual indentaion	EN ISO 24343-1	mm	≤0.1
Castor chair	EN425	-	No damage
Curl resistant to heat	EN434	-	≤2
Light fastness	EN ISO105-B02	-	≥6 (at least 6)
Chemical resistance	EN423	-	No Change
Reaction to fire	AS ISO9239-1:2003, EN13501-1	-	Bfl-s1
Slip resistance	AS4586-2013	-	R9

• Product Standard : EN ISO 10582



Features

CONTINUOUS EMBOSSED IN REGISTER "C-EIR"

The authentic texture of wood and ceramic materials are generated by applying LG Hausys' continuous embossed in register technique, and through LG's random dye-cut system, diverse patterns and rich textures are beautifully expressed.

C-EIR

Continuous Embossed in Register

A technique that realistically the texture of natural materials by matching the prints and surface embossing continuously and reducing repetitiveness.



TRANSFER GUARD

(PREVENTS FLOOR TRANSFER)

Our transfer guard technology prevents the visual transferring of scrape marks and flo or curling that can occur after installation.

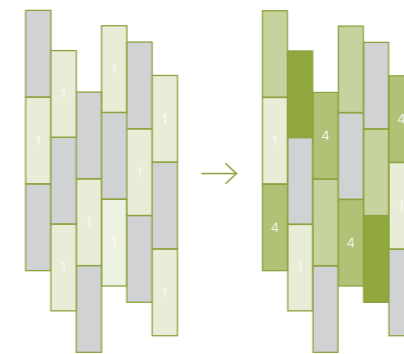
[CASTOR CHAIR TEST] ISO 4918

90kg Castor chair test performed to check for flooring breaks and transfers.



COLOR VARIATION

Unlike the simple colors of conventional LVT flooring, PRESTG applies the diversity of color in natural materials to create a more luxurious and beautiful space.



• Simple color range • Diverse color range

SMART INSTALLATION

One-Day

PRESTG can be fitted directly over existing flooring which shortens the installation period to one day

Mix & Match

PRESTG can be fitted directly over existing flooring which shortens the installation period to one day

- Uneven floors will be installed after a self-leveling procedure
- Gaps and breaks in the existing flooring requires filling/repairing
- Can only be installed over decotiles and mineral flooring that is fixed to the subfloor
- Installation time can vary according to environment and space

STONE SHIELD

(HIGH-STRENGTH SURFACE COATING)

Dual coating of high density finishing containing stone particles that create an exceptional anti-scratch performance.

[MARTINDALE TEST] EN16094 : 2012

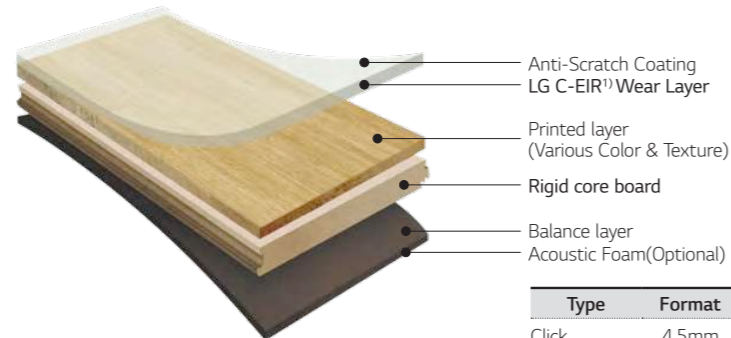
Tested with 320 rotations on the product with a strength of 4N with a scratch pad (scotch Brite Fleece SB7440)



DECORIGID



Basic Construction



Type	Format	Size	W/L
Click	4.5mm	150×1,220/310×605	0.55
Click+Form	6.0mm	150×1,220/310×605	0.55

Technical Data

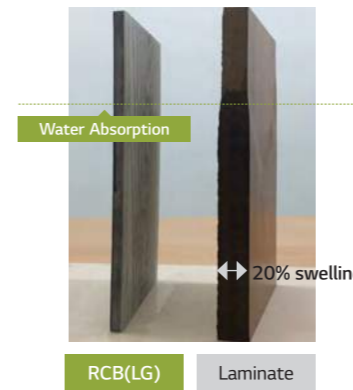
Characteristic	Standard	Unit	4.5T/6.0T(W/L 0.55mm)
Type of Flooring	EN ISO 10582	-	PVC Heterogeneous
Classification	EN 685	-	Class 23/33/42
Size	EN ISO 24342	%	≤0.15
Straightness & Squareness		mm	≤0.35
Overall Thickness	EN ISO 24346	mm	4.5
Wear Layer Thickness	EN ISO 24340	mm	0.55
Dimensional stability	EN 434	%	≤0.1
Abrasion rating	EN 660-2	-	Group T
Residual indentaion	EN ISO 24343-1	mm	≤0.05
Furniture leg	EN424	-	No damage
Castor chair	EN425	-	No damage
Curl resistant to heat	EN434	-	≤2
Thermal performance	EN12667	m ² K/W	≤0.1
Light fastness	EN ISO105-B02	-	≤6
Chemical resistance	EN423	-	No Change
Electrical propensity	EN1815	-	Pass
Reaction to fire	AS ISO9239-1:2003, EN13501-1	-	Bfl-s1
Slip resistance	AS4586-2013	-	R10

• Product Standard : EN ISO 10582

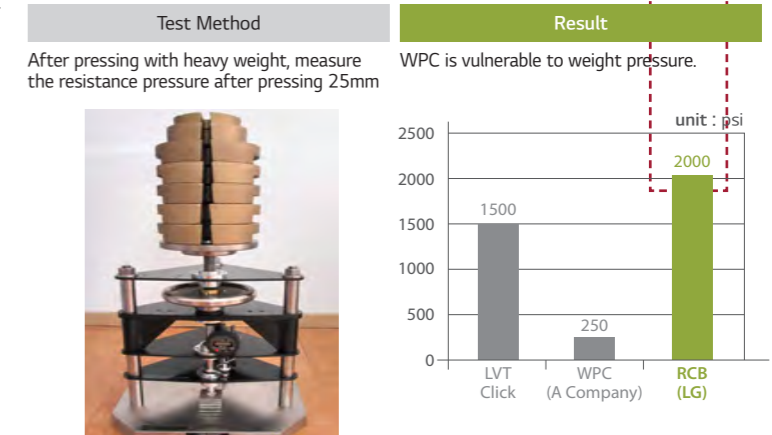


Features

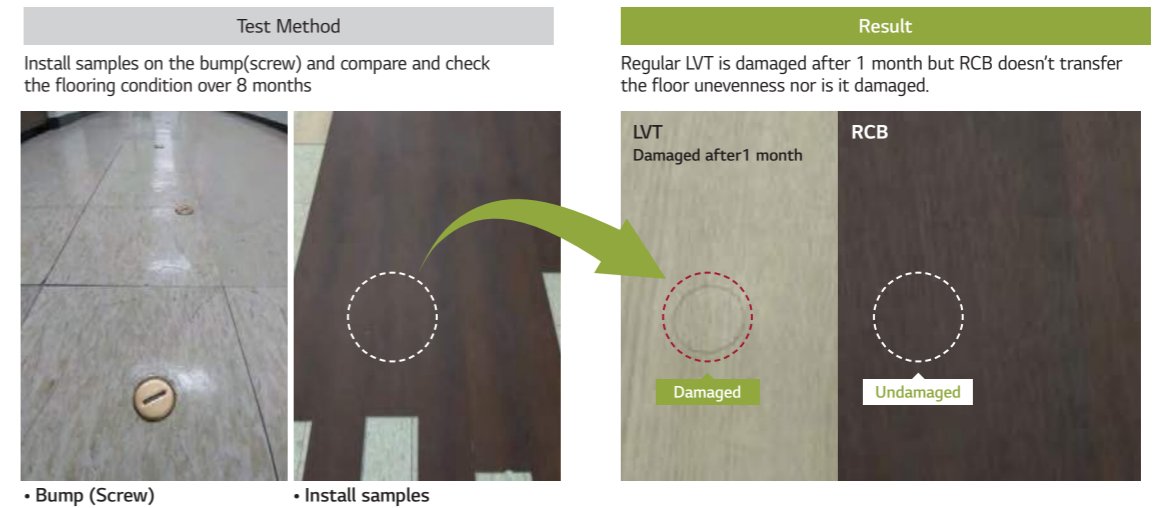
1. 100% Water proof flooring
RCB remains unchanged but Laminate swell after soaking in the water.



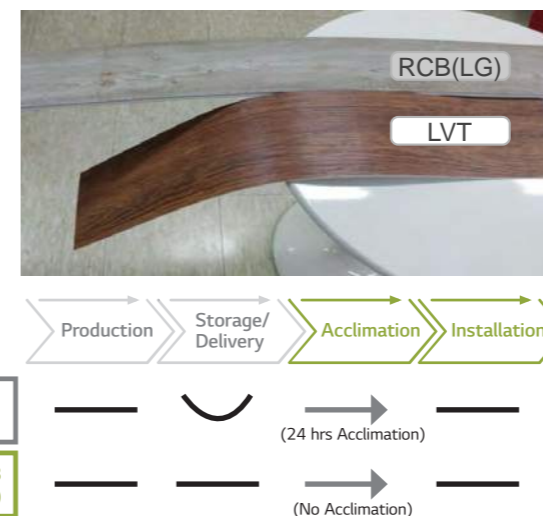
2. Great indentation resistance



3. No transferring floor's irregularities.



4. No Acclimation



5. Impressive sound absorption - Noise reduction 19dB(6.0mm)

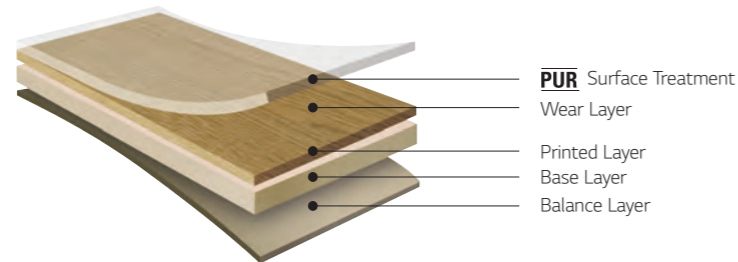


DECOTILE

Suitable for both light and heavy commercial use.
Free of 6 types of harmful phthalate plasticizers: DOP, BBP, DBP, DIDP, DNOP, DINP



Basic Construction



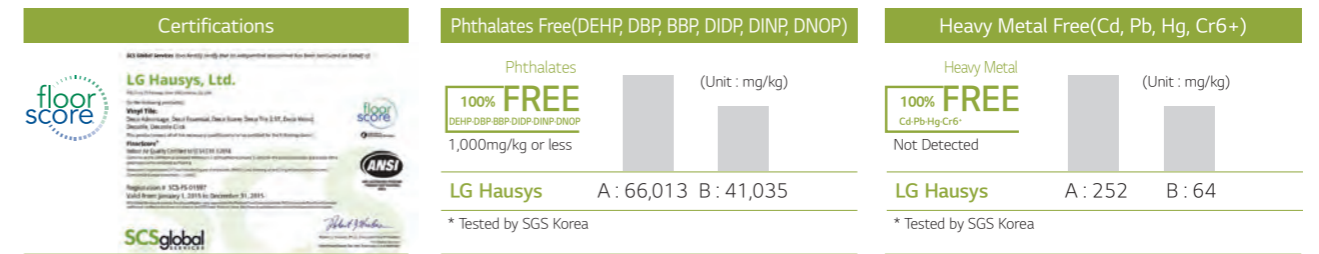
Technical Data

Characteristic	Standard	2.5T (W/L 0.3mm)	2.5T (W/L 0.55mm)	3.0T (W/L 0.3mm)	3.0T (W/L 0.55mm)
Type of Flooring	EN ISO 10582	PVC Heterogeneous			
Surface Treatment		PUR	PUR	PUR	PUR
Size		≤0.15%	≤0.15%	≤0.15%	≤0.15%
Straightness & Squareness	EN ISO 24342	≤0.35mm	≤0.35mm	≤0.35mm	≤0.35mm
Classification	EN 685	Class 23/31	Class 23/33/42	Class 23/31	Class 23/33/42
Overall Thickness	EN ISO 24346	2.0mm	2.5mm	3.0mm	3.0mm
Wear Layer Thickness	EN ISO 24340	0.3mm	0.55mm	0.3mm	0.55mm
Wear Resistance	EN 660-2	T	T	T	T
Residual Indentation	EN ISO 24343-1	≤0.1mm	≤0.1mm	≤0.1mm	≤0.1mm
Dimensional Stability		≤0.25%	≤0.25%	≤0.25%	≤0.25%
Curling	EN ISO 23999	≤2mm	≤2mm	≤2mm	≤2mm
Color Fastness to Light	EN ISO 105-B02	≥6	≥6	≥6	≥6
Castor Chair Test	EN ISO 4918	No Change	No Change	No Change	No Change
Burning Characteristic	EN 13501-1	Bfl-s1	Bfl-s1	Bfl-s1	Bfl-s1
Chemical Resistance	EN ISO 26987	No Change	No Change	No Change	No Change
Slip Resistance	EN 13893	Class DS	Class DS	Class DS	Class DS
	DIN 51130	R9	R9	R9	R9

• Product Standard : EN ISO 10582



Features



Eco & Human-friendly Product

- FloorScore® and DIBt certified for low VOCs
- Phthalate Free(DEHP-DBP-BBP-DIDP-DINP-DNOP) & \ Heavy Metal Free(Cd-Pb-Hg-Cr6+)
- Made from safer, stronger raw materials



Excellence in Design

- 51 styles available in natural and modern color palette
- High-resolution imaging and patterns for realistic wood visuals
- New tile visuals that mirror woven patterns



Durable Technology

- PUR double coating improves resistance to scratches and stains
- Quality assured by warranties



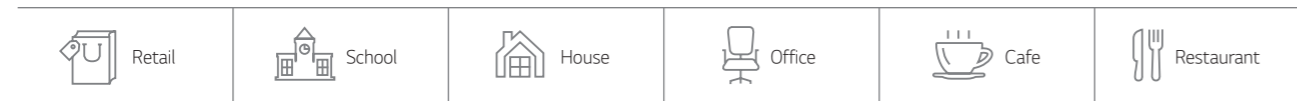
Excellent resistance to water

- DecoTile has a strong resistance against water. (No swelling, no distortion)

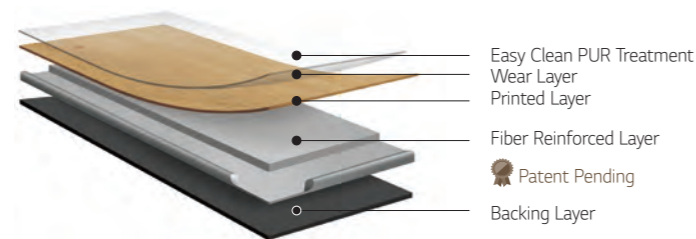


DECOCLICK

Improve your lifestyle with DecoClick. DecoClick is resilient vinyl flooring with LG Hausys exclusive Fiber Reinforced Layer. This advanced technology enables stronger locking strength and dimensional stability.



Basic Construction



Technical Data

Characteristic	Standard	Unit	3.2T (W/L 0.3mm)	4.0T (W/L 0.3mm)	4.0T (W/L 0.55mm)
Type of Flooring	EN ISO 10582	-	PVC Heterogeneous		
Surface Treatment	EN 685	-	PUR	PUR	PUR
Size	EN ISO 24342	%	≤0.15	≤0.15	≤0.15
Straightness & Squareness		mm	≤0.35	≤0.35	≤0.35
Classification	EN 685	-	Class 23/31	Class 23/31	Class 23/33/42
Overall Thickness	EN ISO 24346	mm	3.2	4.0	4.0
Wear Layer Thickness	EN ISO 24340	mm	0.3	0.3	0.55
Wear Resistance	EN 660-2	-	T	T	T
Residual Indentation	EN ISO 24343-1	mm	≤0.1	≤0.1	≤0.1
Dimensional Stability	EN ISO 23999	%	≤0.25	≤0.25	≤0.25
Curling		mm	≤2	≤2	≤2
Color Fastness to Light	EN ISO 105-B02		≥6	≥6	≥6
Castor Chair Test	EN ISO 4918		No Change	No Change	No Change
Burning Characteristic	EN 13501-1		Bfl-s1	Bfl-s1	Bfl-s1
Chemical Resistance	EN ISO 26987		No Change	No Change	No Change
Slip Resistance	EN 13893		Class DS	Class DS	Class DS
	DIN 51130		R10	R10	R10

• Product Standard : EN ISO 10582

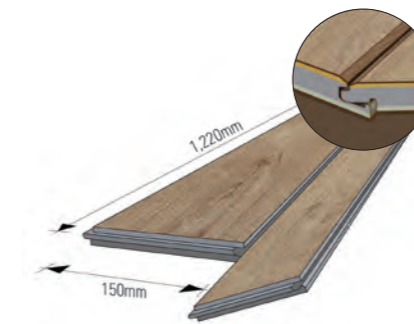


Features

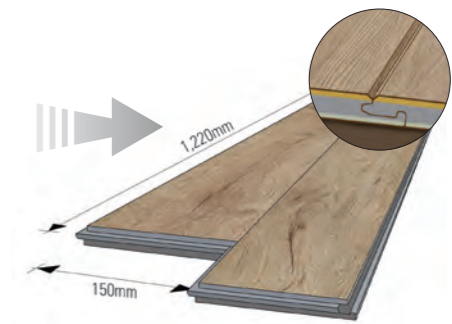
- Eco & Human-friendly Product**
 - FloorScore® and DIBt certified for low VOCs
 - Free of 6 types of harmful phthalate plasticizers : DOP, BBP, DBP, DIDP, DNOP, DINP
 - Heavy Metal Free : Cd, Pb, Hg, Cr6+
- Stronger Lock**
 - Patent-pending Fiber Reinforced Layer strengthens locking strength
- Easy Clean UV Coating**
 - LG's exclusive PUR treatment technology provides stronger resistance to contaminants
 - Easy cleaning and low maintenance cost (No wax & No polish needed)

Locking System

1. Easy and Quick Installation Just click!

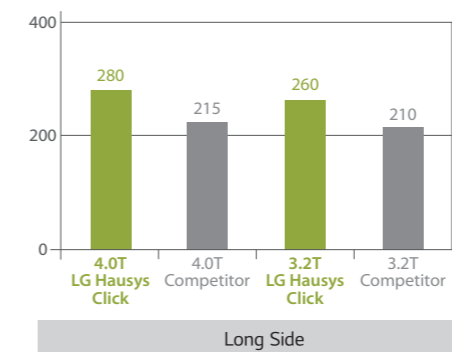


2. No adhesive, No dust. Just loose lay! And move in the next day!

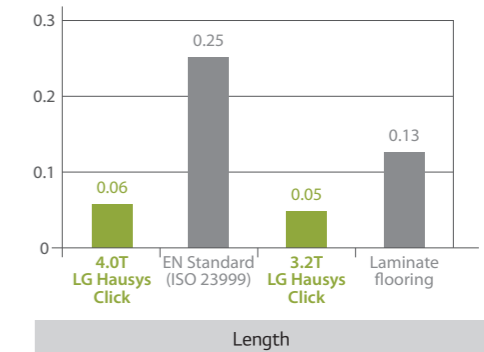


Benefits

• Locking Strength (Unit: N)
DECOCLICK is 30% stronger in Locking Strength than the competitors.



• Dimensional Stability (Unit: %)

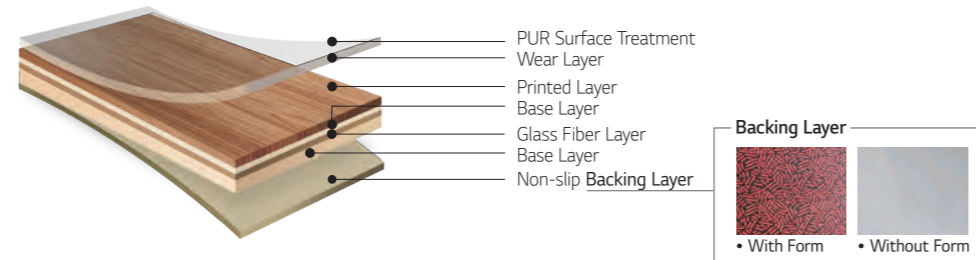


DECOLAY

DECOLAY provides superior acoustic qualities and insulated to provide an "easier to walk on" flooring. We offer a range of looselay floors for both commercial settings and domestic properties.



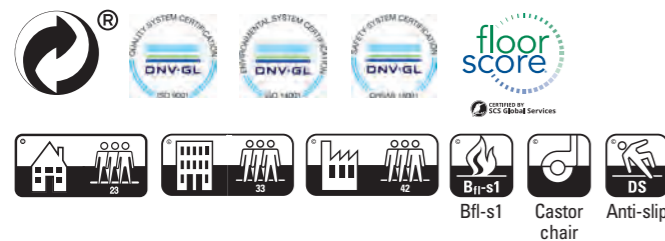
Basic Construction









Technical Data

Characteristic	Standard	Unit	5.0T (W/L 0.55mm)
Type of Flooring	EN ISO 10582	-	PVC Heterogeneous
Surface Treatment	EN 685	-	PUR
Size	EN ISO 24342	%	≤0.15
Straightness & Squareness		mm	≤0.35
Classification	EN 685	-	Class 23/33/42
Overall Thickness	EN ISO 24346	mm	5.0
Wear Layer Thickness	EN ISO 24340	mm	0.55
Wear Resistance	EN 660-2	-	T
Residual Indentation	EN ISO 24343-1	mm	≤0.1
Dimensional Stability	EN ISO 23999	%	≤0.25
Curling		mm	≤2
Color Fastness to Light	EN ISO 105-B02		≥6
Castor Chair Test	EN ISO 4918		No Change
Burning Characteristic	EN 13501-1		Bfl-s1
Chemical Resistance	EN ISO 26987		No Change
Slip Resistance	EN 13893		Class DS
	DIN 51130		R9

• Product Standard : EN ISO 10582



Features

- 
Fast installation without glue and easy replacement
 - Non-slip backing sheet
- 
Durable surface
 - PU double coating improves resistance to scratches and stains
- 
Excellent Sound Reduction (Δ15db)
 - Foam Middle Layer : High elastic foamed layer applied in LG Sports Floor
- 
ECO friendly
 - Phthalate Free
 - Heavy Metal Free
 - Low TVOCs & HCHO
- 
Various designs of non-slip backing layer
 - Foam design sheet
- 
Superior dimensional stability
 - Glass Fiber



Design Collection

Plank

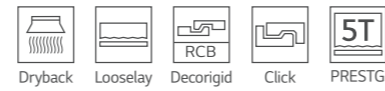
	Design	Design No.	Embo Type	DECOTILE (Dryback)	PRESTG	DECORIGID (RCB)	DECOCLICK	DECOLAY (Looselay)
Heritage	Treasure Oak	7913	C-EIR	o	o	o	o	
		7914		o	o	o	o	
		7911		o	o	o	o	
	Hickory Barn	1901	C-EIR	o		o	o	
		7821		o		o	o	
		1902		o		o	o	
	Crack Oak	7803	C-EIR	o	o	o	o	
		7804		o	o	o	o	
		1642		o	o	o	o	
	Drift Oak	1820	Rough wood					o
		1926						o
		1927						o
	Shipdeck	1903	Light ticking	o		o	o	
		7822		o		o	o	
		1904		o		o	o	
	Majestic Hickory	2381	Carving	o				o
		2382		o				o
		2383		o				o
Split Ash	1928	Light ticking	o		o			
	1929		o		o			
	1930		o		o			
Burned Ash	1244	Rough wood					o	
	1245						o	
	1819						o	
Weathered Pine	7801	C-EIR		o	o	o		
	7802		o	o	o			
	1634		o	o	o	o		
Harmony	Malta Oak	1246	Light ticking	o				
		1247		o				
		1905		o				
	Parquet wood	6902	C-EIR	o	o			
		6903		o	o			
		6901		o	o			
	Lougheed Oak	7807	C-EIR			o	o	
		7806				o	o	
		1909				o	o	
	Blackbutt	1639	Deep wood	o				o
		1640		o				o
		1910		o				o
	Fiyoari Oak	7818	Rough wood	o		o	o	
		1911		o		o	o	
		1912		o		o	o	
	smooth oak	2385	Light ticking	o				
		2386		o				
		2387		o				
Vanilla Oak	0026	Light ticking	o					
	0031		o					
	1935		o					
Avenue Wood	2611	Light ticking	o					
	2613		o					
	2612		o					
Tasmanian Oak	1913	Rough wood					o	
	1914						o	
	1644						o	
Spotted Gum	1526	Carving					o	
	1530						o	
	1915						o	
Brushed Oak	0712	C-EIR	o					
	0713		o					
	0711		o					
Soft Walnut	0719	C-EIR	o			o		
	0720		o			o		
	1918		o				o	
American Oak	1203	Light ticking				o		
	1205					o		
	1936					o		
Kennedy Oak	1943	Rough wood	o					
	1944		o					
	1945		o					
Washed Oak	1919	C-EIR	o		o	o		
	1920		o		o	o		
	1921		o		o	o		
Artisan	Saltlake Oak	7810	C-EIR	o		o	o	
		7805		o		o	o	
		7815		o		o	o	
	Salvador Walnut	1236	Light ticking	o				
		1237		o				
		1940		o				
	Limed Oak	7813	C-EIR	o				
		1922		o				
		7814		o				
	Drum Oak	1635	Light ticking	o				
		1636		o				
		7816		o				
	White Oak	2608	Light ticking	o		o	o	
		2609		o		o	o	
		1923		o		o	o	
	Antique Oak	1229	Light ticking	o				
		1232		o				
		1924		o				
Moscado Pine	5713	Deep wood	o			o		
	5715		o			o		
	5717		o				o	
Skandi Wood	0023	Light ticking	o		o			
	0022		o		o			
	1942		o		o			
Painted Wood	2621	Rough wood	o				o	
	2622		o				o	
	2624		o					o

Square

	Design	Design No.	Embo Type	DECOTILE (Dryback)	PRESTG	DECORIGID (RCB)	DECOCLICK	DECOLAY (Looselay)
Glacier	Onyx Marble	6915	Smooth	o	o	o	o	
		6916		o	o	o	o	
		6441		o	o	o	o	
	Sibila	6803	Smooth	o				o
		6486		o				o
		6485		o				o
	Bianco	6443	Smooth	o	o			
		6917		o	o			
		6918		o	o			
	Contemporary	Crack Concrete	6905	C-EIR	o	o	o	o
6906			o		o	o	o	
6904			o		o	o	o	
Metal Cloud		6444	Smooth	o				
		6445		o				
		9011		o				
Drift Marble		6271	Smooth	o			o	o
		6272		o			o	o
		6273		o			o	o
Gesso		6446	Smooth	o				o
		6447		o				o
		6448		o				o
Oyster Marble		6805	Smooth	o				
		6483		o				
		6484		o				
Crete		6909	Metal	o	o	o	o	
		6911		o	o	o	o	
		6912		o	o	o	o	
Casablanca concrete	0060	Smooth	o					
	0059		o					
	0761		o					
Besilius Marble	6475	Smooth	o					
	6476		o					
	6450		o					
Faded Concrete	6451	Smooth	o					
	6452		o					
	6453		o					
Rustic Steel	6907	Smooth	o	o	o	o		
	6908		o	o	o	o		
	6251		o	o	o	o		
Rigid Metal	6253	Smooth	o					
	6254		o					
	0055		o					
Fossil Riven Sandstone	0056	Smooth	o					
	0058		o					
	6275		o					
Travertine	6276	Smooth	o					
	6277		o					
	2639		o					
Industrial	Sand Granite	2370	Smooth	o				
		6454		o				
		6238		o				
	Sand Marble	6913	Smooth	o				
		6914		o				
		1709		o				
	Marble	1713	Smooth	o				
		1717		o				
		6801		o				
	Millstone	6807	Slate	o		o	o	
6482		o			o	o		
6804		o			o	o		
Gemstone	Anthracite	6805	Smooth	o				o
		6806		o				o
		6291		o				o
	Slate Noir	6292	Slate	o				
		6293		o				
		0051		o				
	Oceanus Granite	0053	Smooth	o				
		6802		o				
		6281		o				
	Terrazzo	6282	Smooth	o				
6283		o						
6326		o						
Textile	Natural Woven	6325	Woven	o				o
		6329		o				o
		2992		o				o
	Jeogori	2991	Smooth	o				
		2993		o				
		6345		o				
	Twill Woven	6344	Woven	o				o
		6347		o				o
		6460		o				o
	Tapestry	6461	Woven	o				
		6462		o				
		6324		o				
	Square Fabric	6464	Woven	o				o
		6323		o				o
		6340		o				o
	Line Woven	6341	Woven	o				
		6343		o				
		6065		o				
Trouvere Carpet	6064	Carpet	o					
	6066		o					
	6337		o					
Pattern Woven	6338	Woven	o					
	6336		o					
	6470		o					
Landscape carpet	6075	Carpet	o		o	o		
	6076		o		o	o		
	6076		o		o	o		

Design Collection

Plank Type Heritage



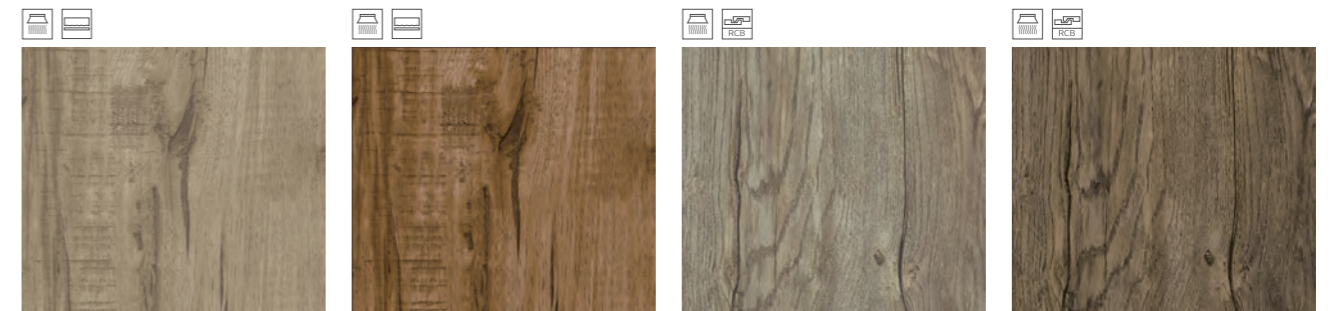
Weathered Pine 7801



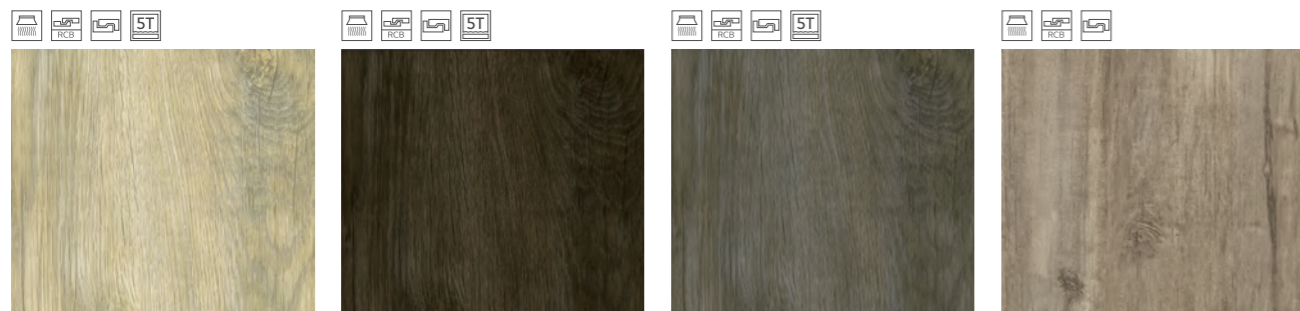
Crack Oak 1642 [C-EIR] Drift Oak 1820 Drift Oak 1926 Drift Oak 1927



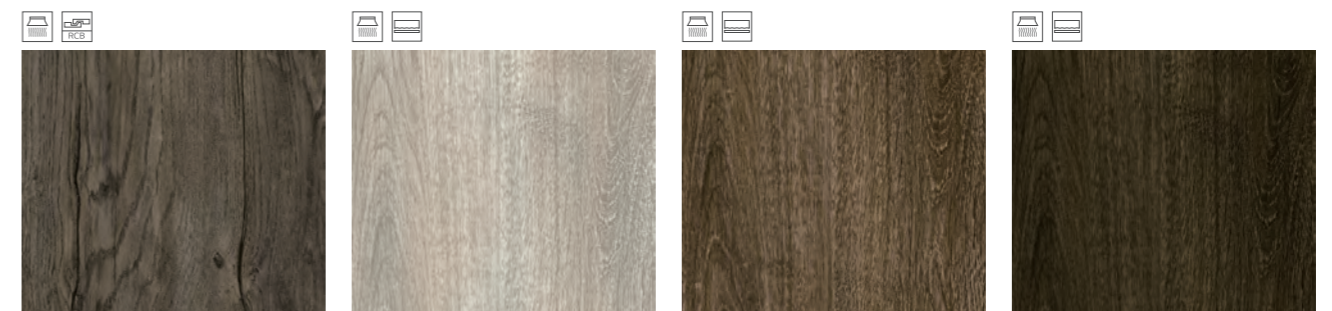
Shipdeck 1903 Shipdeck 7822 Shipdeck 1904 Majestic Hickory 2381



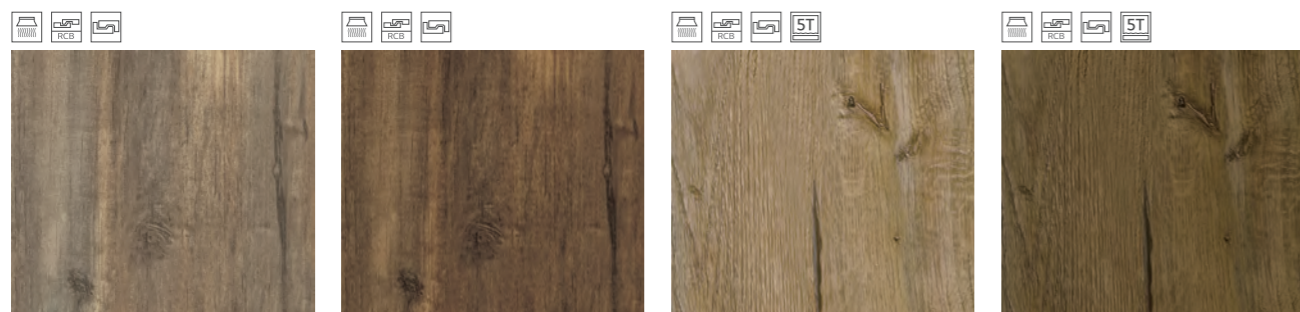
Majestic Hickory 2382 Majestic Hickory 2383 Split Ash 1928 Split Ash 1929



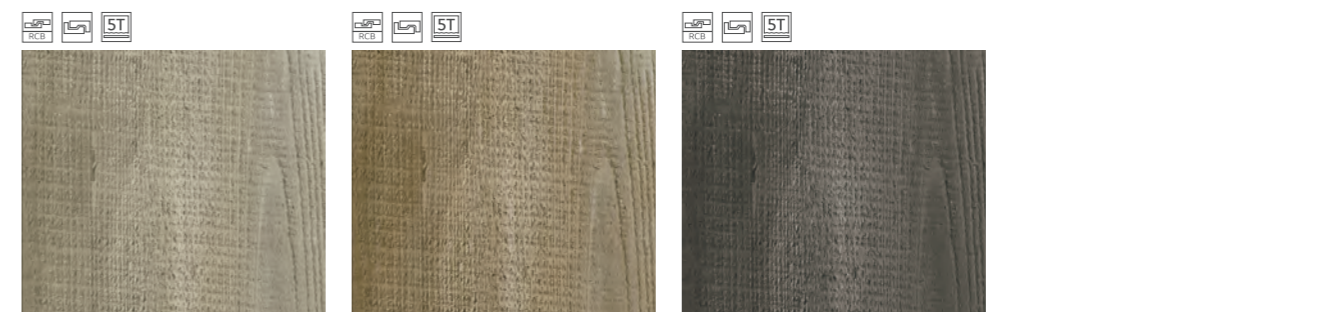
Treasure Oak 7913 [C-EIR] Treasure Oak 7914 [C-EIR] Treasure Oak 7911 [C-EIR] Hickory Barn 1901 [C-EIR]



Split Ash 1930 Burned Ash 1244 Burned Ash 1245 Burned Ash 1819



Hickory Barn 7821 [C-EIR] Hickory Barn 1902 [C-EIR] Crack Oak 7803 [C-EIR] Crack Oak 7804 [C-EIR]



Weathered Pine 7801 [C-EIR] Weathered Pine 7802 [C-EIR] Weathered Pine 1634 [C-EIR]

Color of the above product can be different from actual product color.

Design Collection

Plank Type Harmony



Parquet Wood 6903

Color of the above product can be different from actual product color.



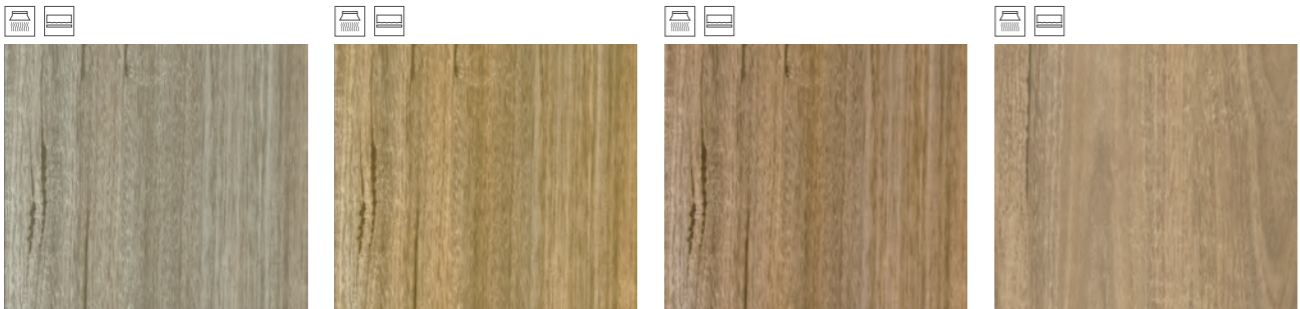
Plank Type Harmony



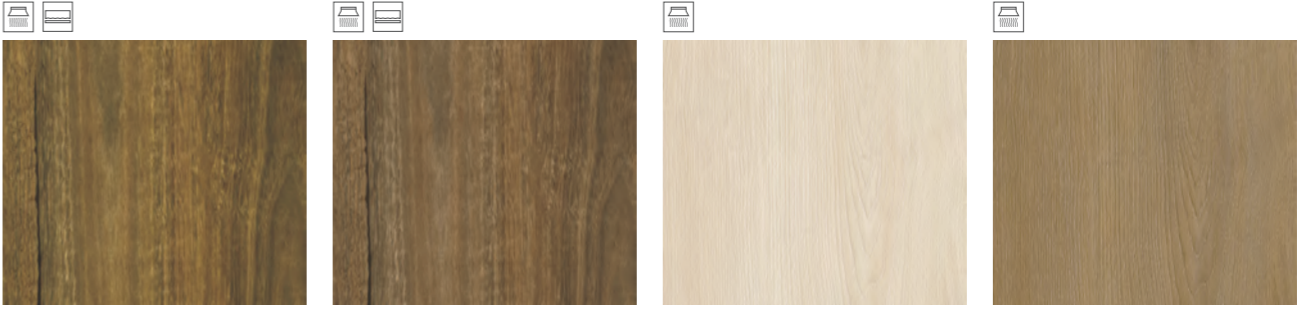
Fiyoari Oak 7818



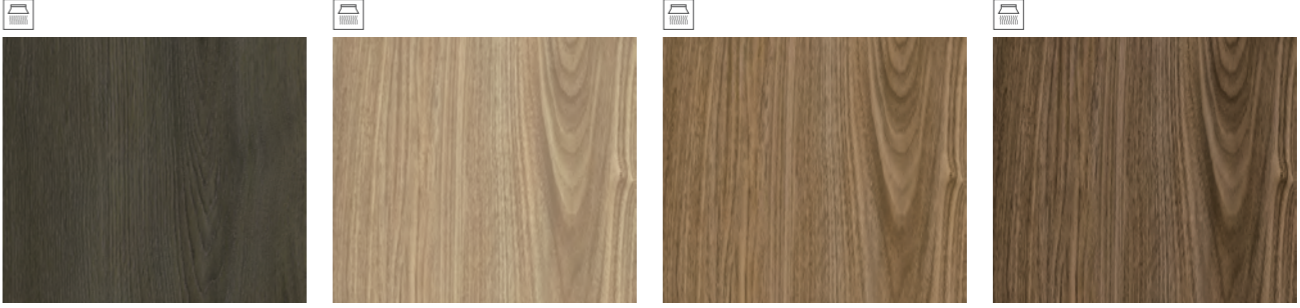
Vanilla Oak 1935 Avenue Wood 2611 Avenue Wood 2613 Avenue Wood 2612



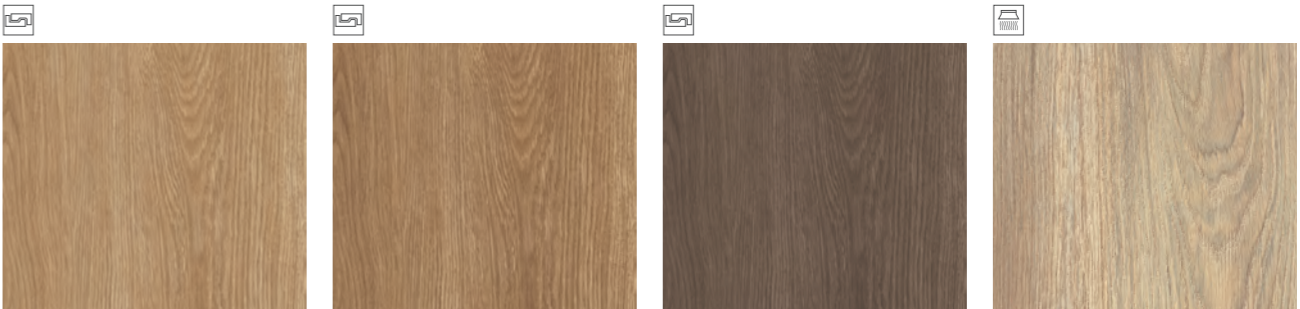
Tasmanian Oak 1913 Tasmanian Oak 1914 Tasmanian Oak 1644 Spotted Gum 1526



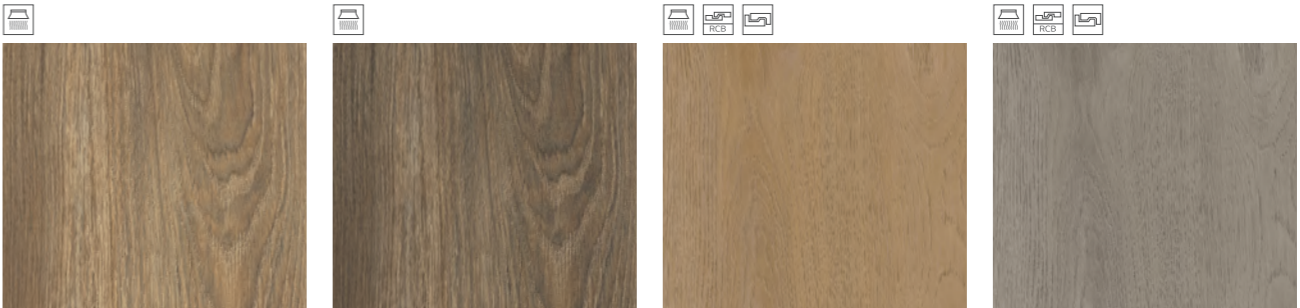
Spotted Gum 1530 Spotted Gum 1915 Brushed Oak 0712 Brushed Oak 0713



Brushed Oak 0711 Soft Walnut 0719 Soft Walnut 0720 Soft Walnut 1918



American Oak 1203 American Oak 1205 American Oak 1936 Kennedy Oak 1943



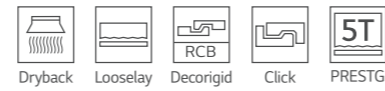
Kennedy Oak 1944 Kennedy Oak 1945 Washed Oak 1919 Washed Oak 1920



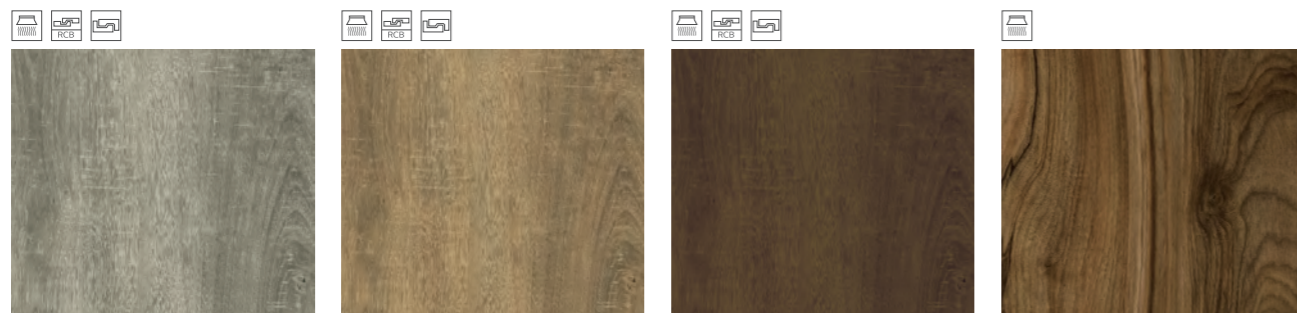
Washed Oak 1921

Design Collection

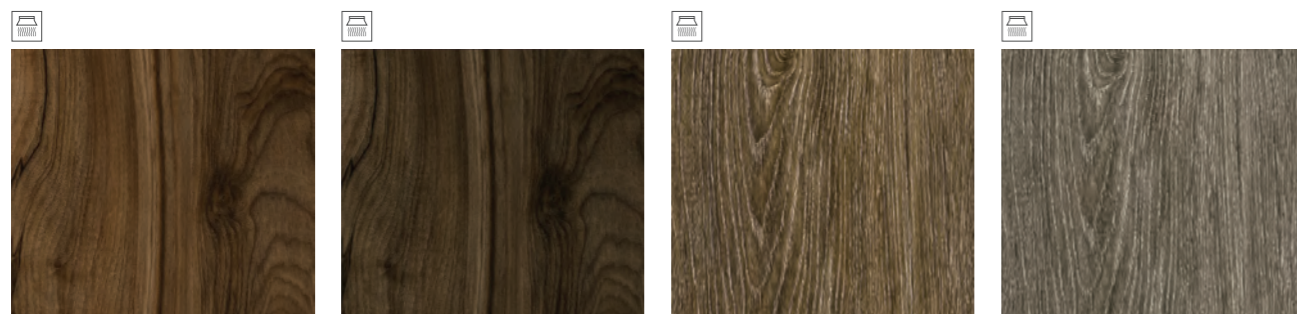
Plank Type Aritisan



Limed Oak 7813



Saltlake Oak 7810 [C-EIR] Saltlake Oak 7805 [C-EIR] Saltlake Oak 7815 [C-EIR] Salvador Walnut 1236



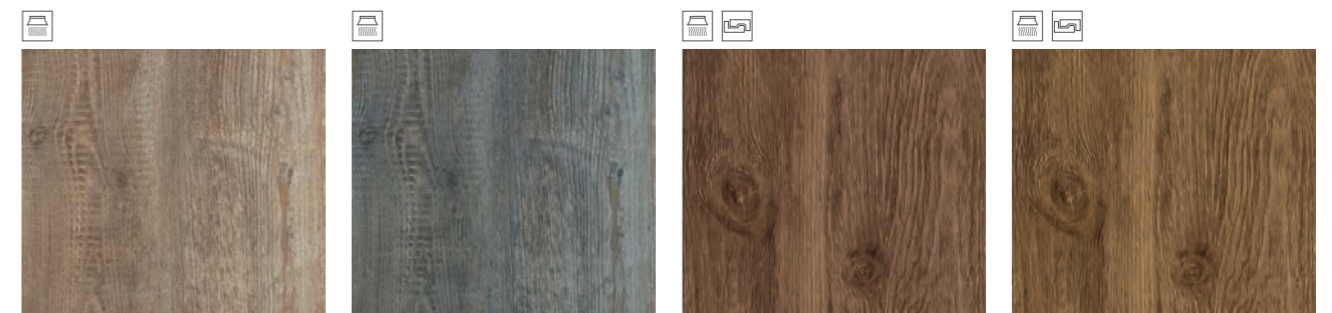
Salvador Walnut 1237 Salvador Walnut 1940 Limed Oak 7813 [C-EIR] Limed Oak 1922 [C-EIR]



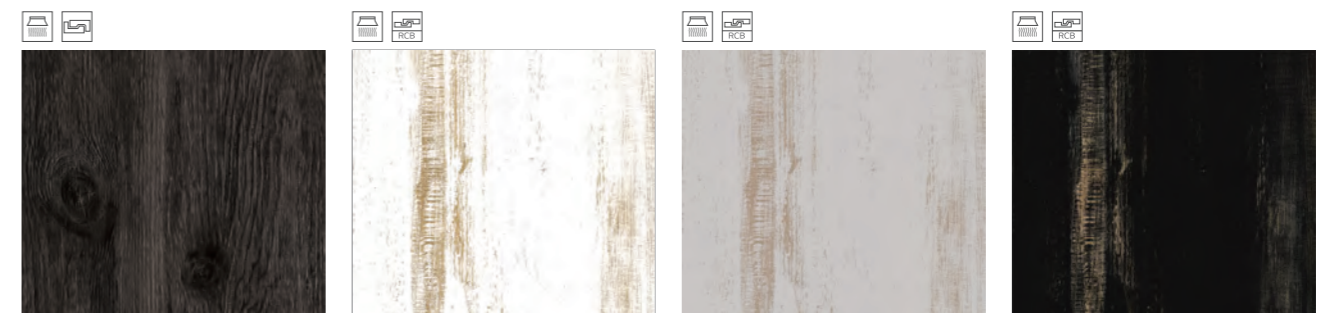
Limed Oak 7814 [C-EIR] Drum Oak 1635 Drum Oak 1636 Drum Oak 7816



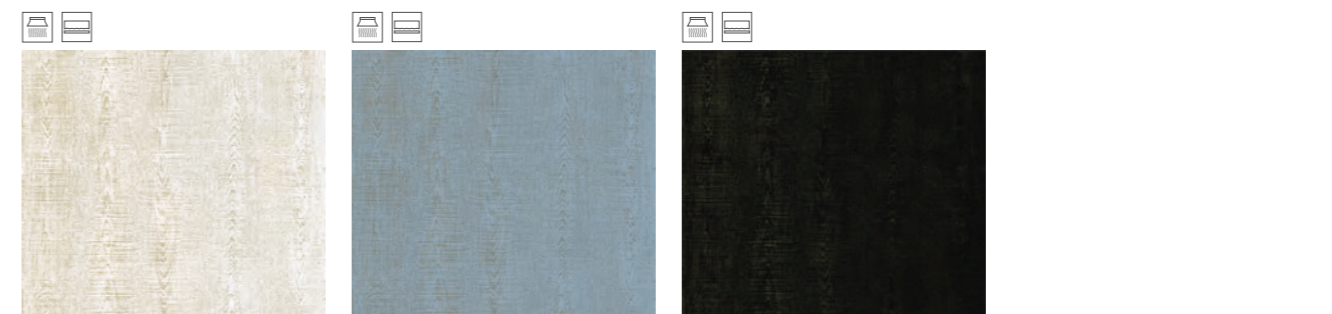
White Oak 2608 White Oak 2609 White Oak 1923 Antique Oak 1229



Antique Oak 1232 Antique Oak 1924 Moscado Pine 5713 Moscado Pine 5715



Moscado Pine 5717 Skandi Wood 0023 Skandi Wood 0022 Skandi Wood 1942



Painted Wood 2621 Painted Wood 2622 Painted Wood 2624

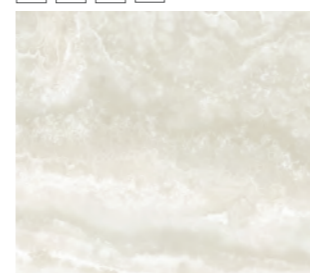
Design Collection

Square Type Glacier

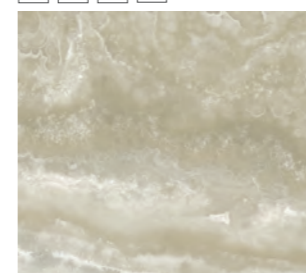


Bianco 6917

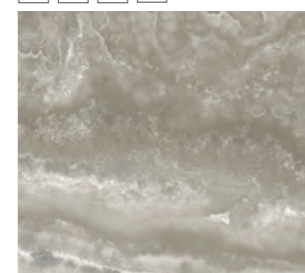
Color of the above product can be different from actual product color.



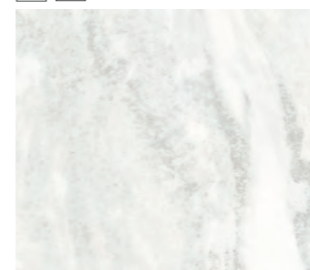
Onyx Marble 6915



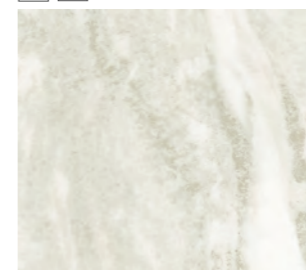
Onyx Marble 6916



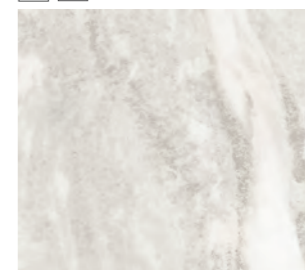
Onyx Marble 6441



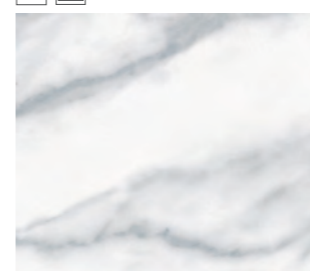
Sibila 6803



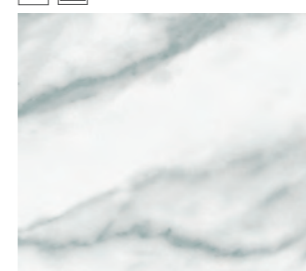
Sibila 6486



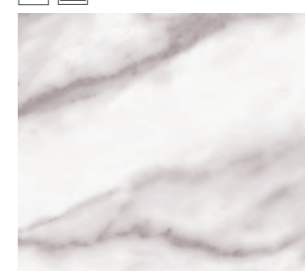
Sibila 6485



Bianco 6443



Bianco 6917



Bianco 6918



Sibila 6486

Design Collection

Square Type Contemporary



Travertine 6276

Color of the above product can be different from actual product color.



Crack Concrete 6905



Crack Concrete 6906



Crack Concrete 6904



Metal Cloud 6444



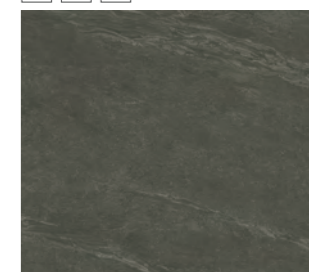
Metal Cloud 6445



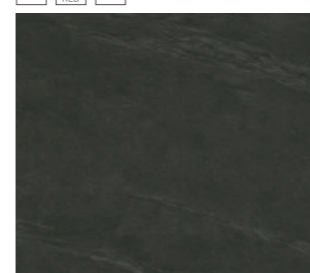
Metal Cloud 9011



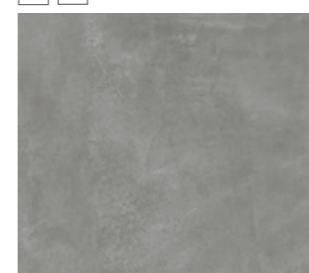
Drift Marble 6271



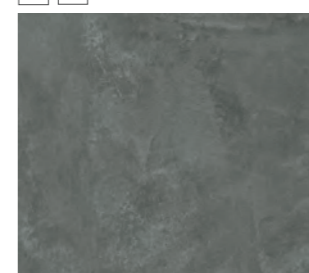
Drift Marble 6272



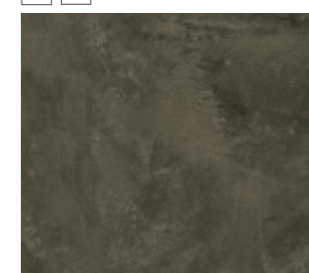
Drift Marble 6273



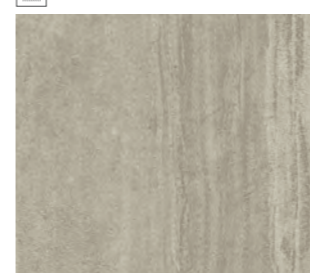
Gesso 6446



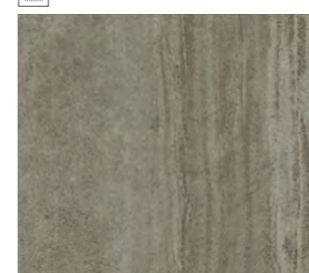
Gesso 6447



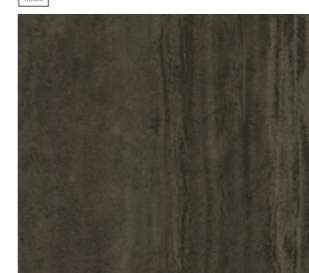
Gesso 6448



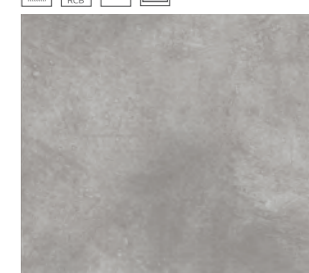
Oyster Marble 6805



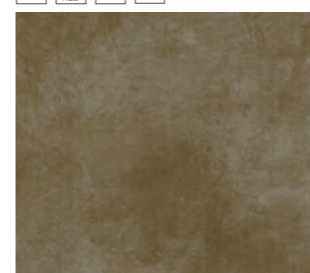
Oyster Marble 6483



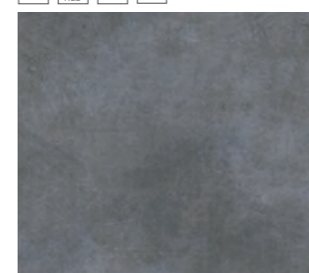
Oyster Marble 6484



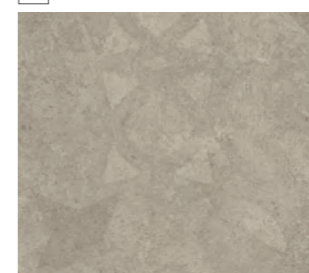
Crete 6909



Crete 6911



Crete 6912



Casablanca Concrete 0060



Casablanca Concrete 0059

Luxury Vinyl Tile

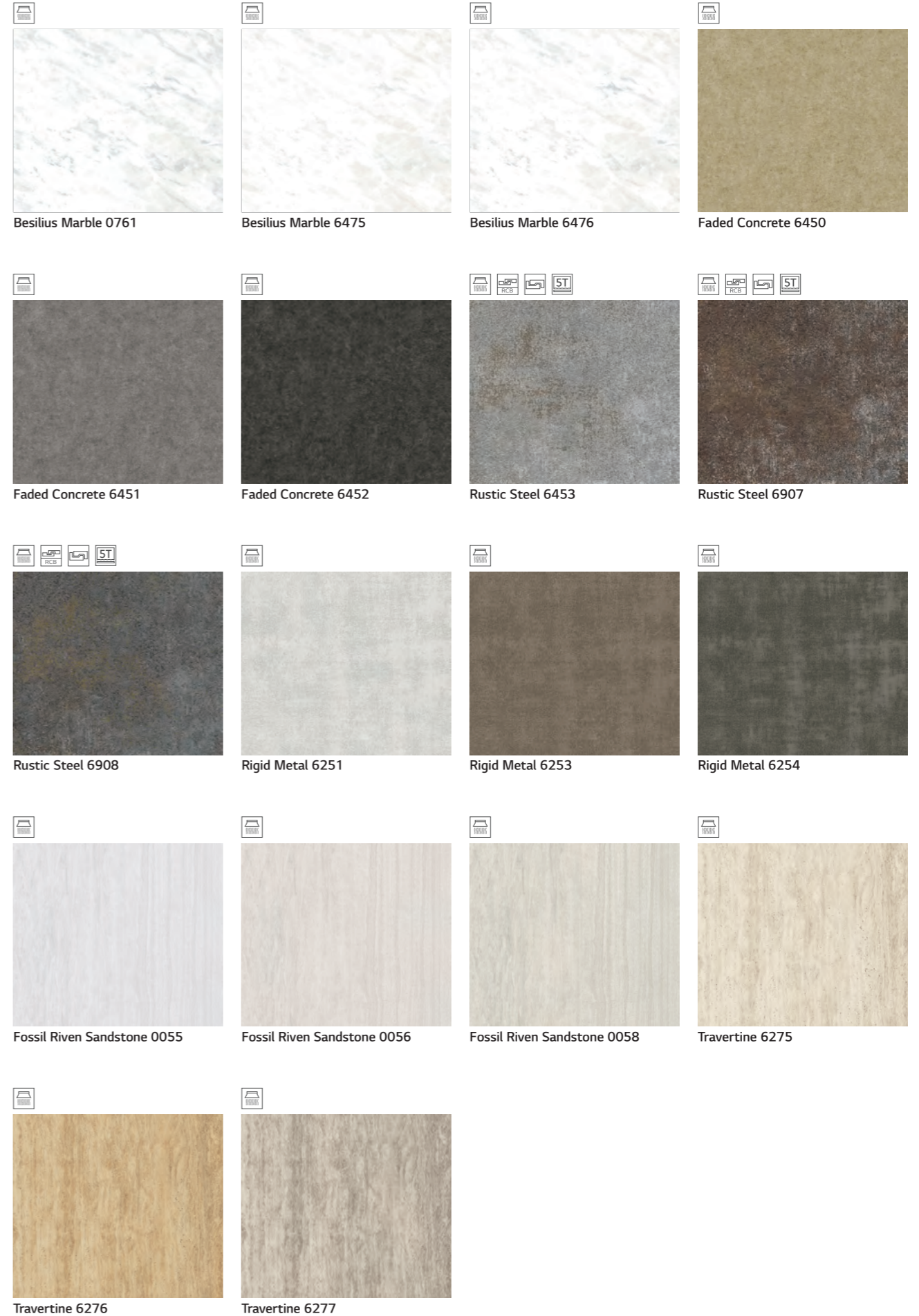
Design Collection

Square Type Contemporary



Rustic Steel 6907

Color of the above product can be different from actual product color.



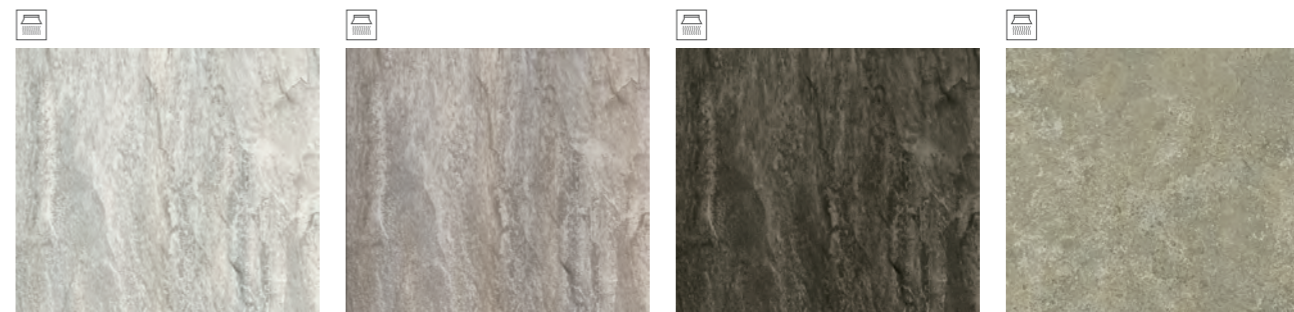
Design Collection

Square Type Industrial

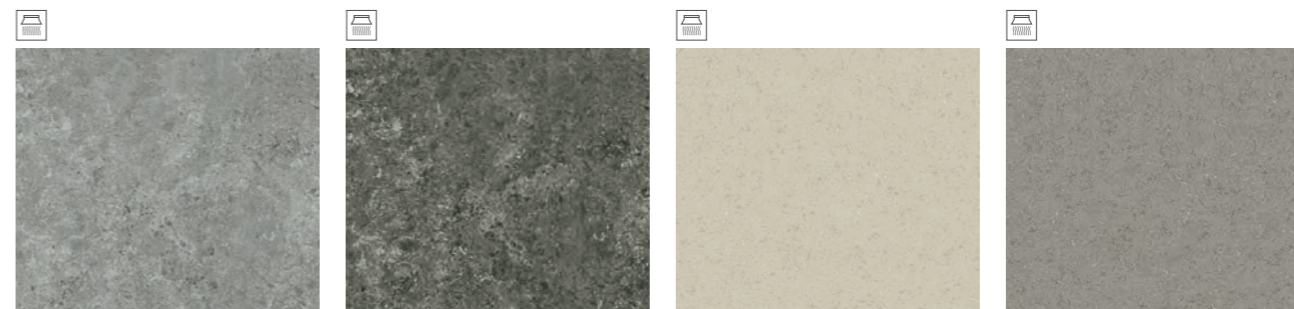


Millstone 6807

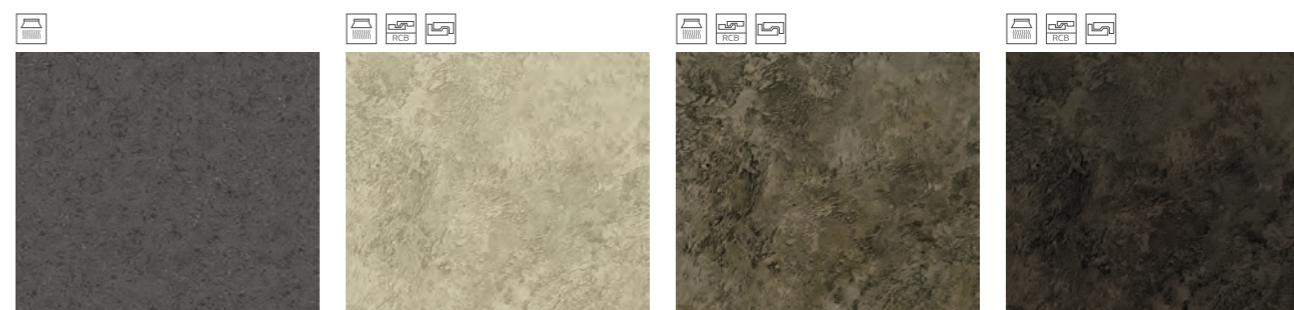
Color of the above product can be different from actual product color.



Sand Granite 2639 Sand Granite 2370 Sand Granite 6454 Sand Marble 6238



Sand Marble 6913 Sand Marble 6914 Marble 1709 Marble 1713



Marble 1717 Millstone 6801 Millstone 6807 Millstone 6482



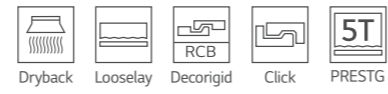
Sand Granite 2639

Luxury Vinyl Tile

Design Collection

Design Collection

Square Type Gemstone

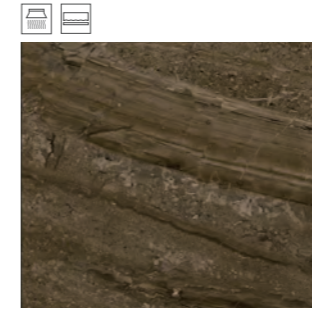


Anthracite 6806

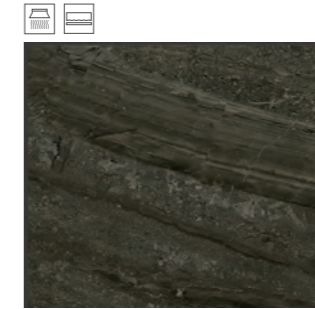
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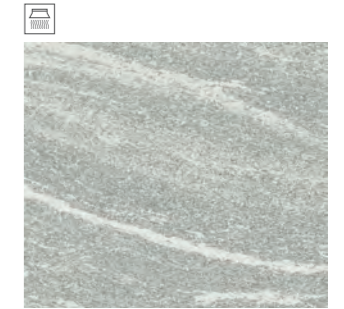
Anthracite 6804



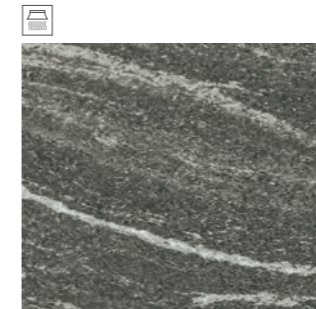
Anthracite 6805



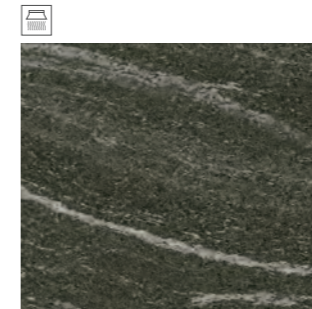
Anthracite 6806



Slate Noir 6291



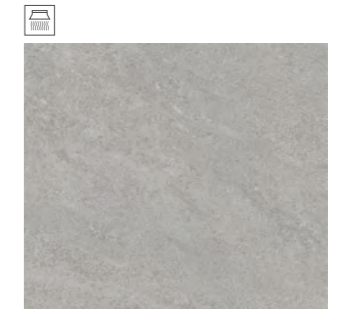
Slate Noir 6292



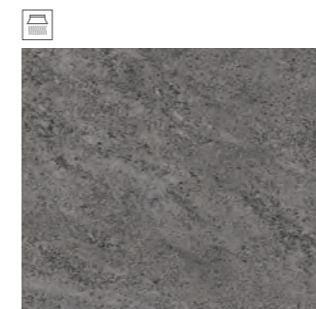
Slate Noir 6293



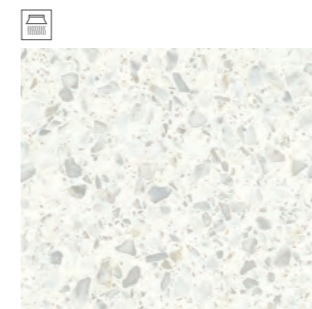
Oceanus Granite 0051



Oceanus Granite 0053



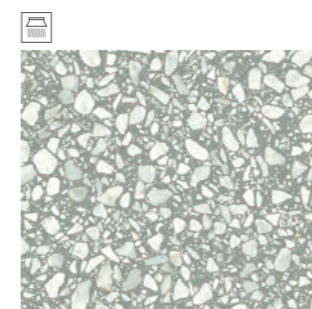
Oceanus Granite 6802



Terrazzo 6281



Terrazzo 6282



Terrazzo 6283



Terrazzo 6282

Design Collection

Square Type Textile

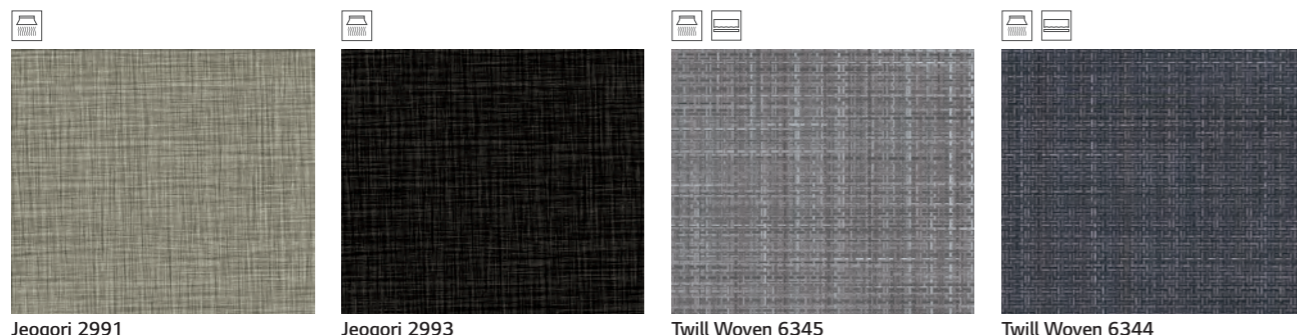


Natural Woven 6326

Natural Woven 6325

Natural Woven 6329

Jeogori 2992

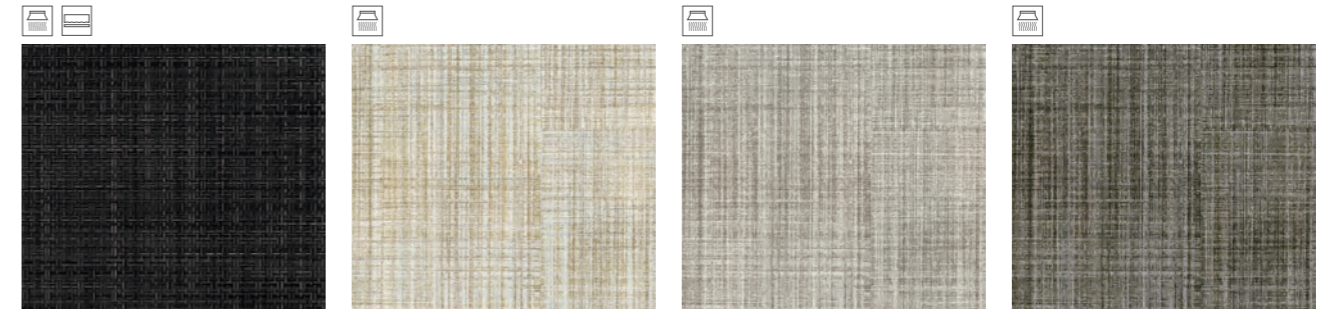


Jeogori 2991

Jeogori 2993

Twill Woven 6345

Twill Woven 6344

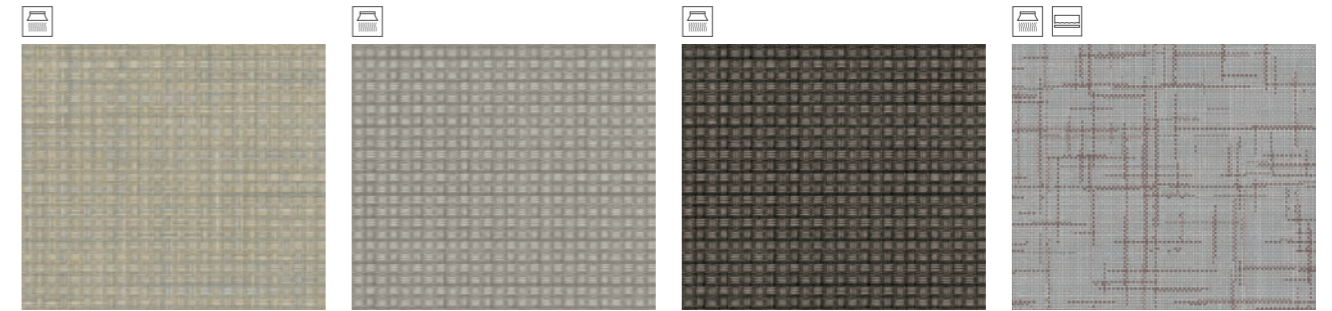


Twill Woven 6347

Tapestry 6460

Tapestry 6461

Tapestry 6462

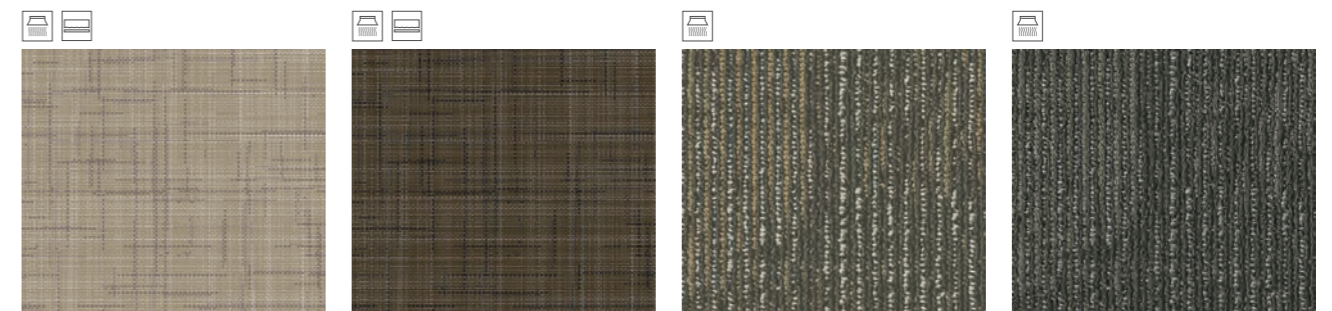


Square Fabric 6324

Square Fabric 6464

Square Fabric 6323

Line Woven 6340

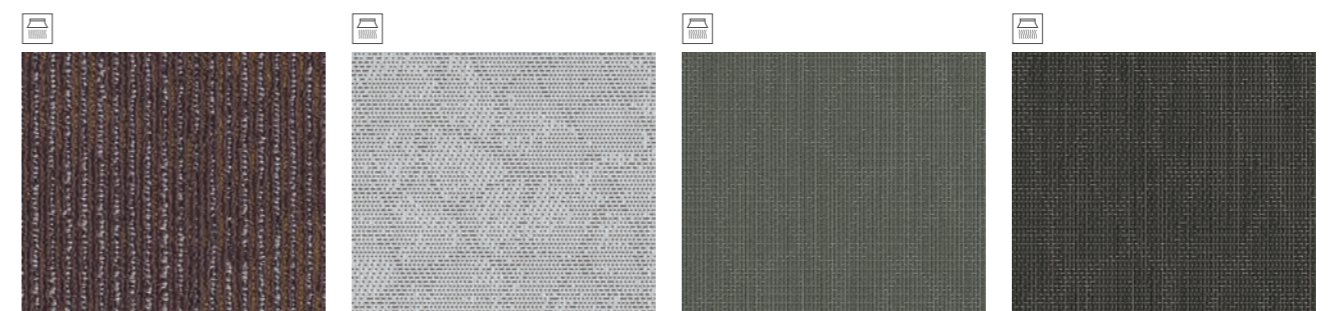


Line Woven 6341

Line Woven 6343

Trouvere Carpet 6065

Trouvere Carpet 6064

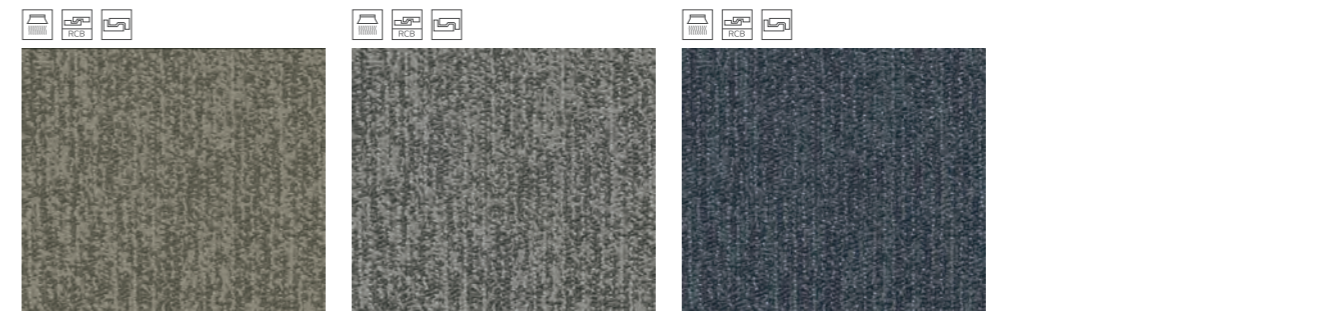


Trouvere Carpet 6066

Pattern Woven 6337

Pattern Woven 6338

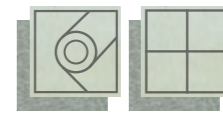
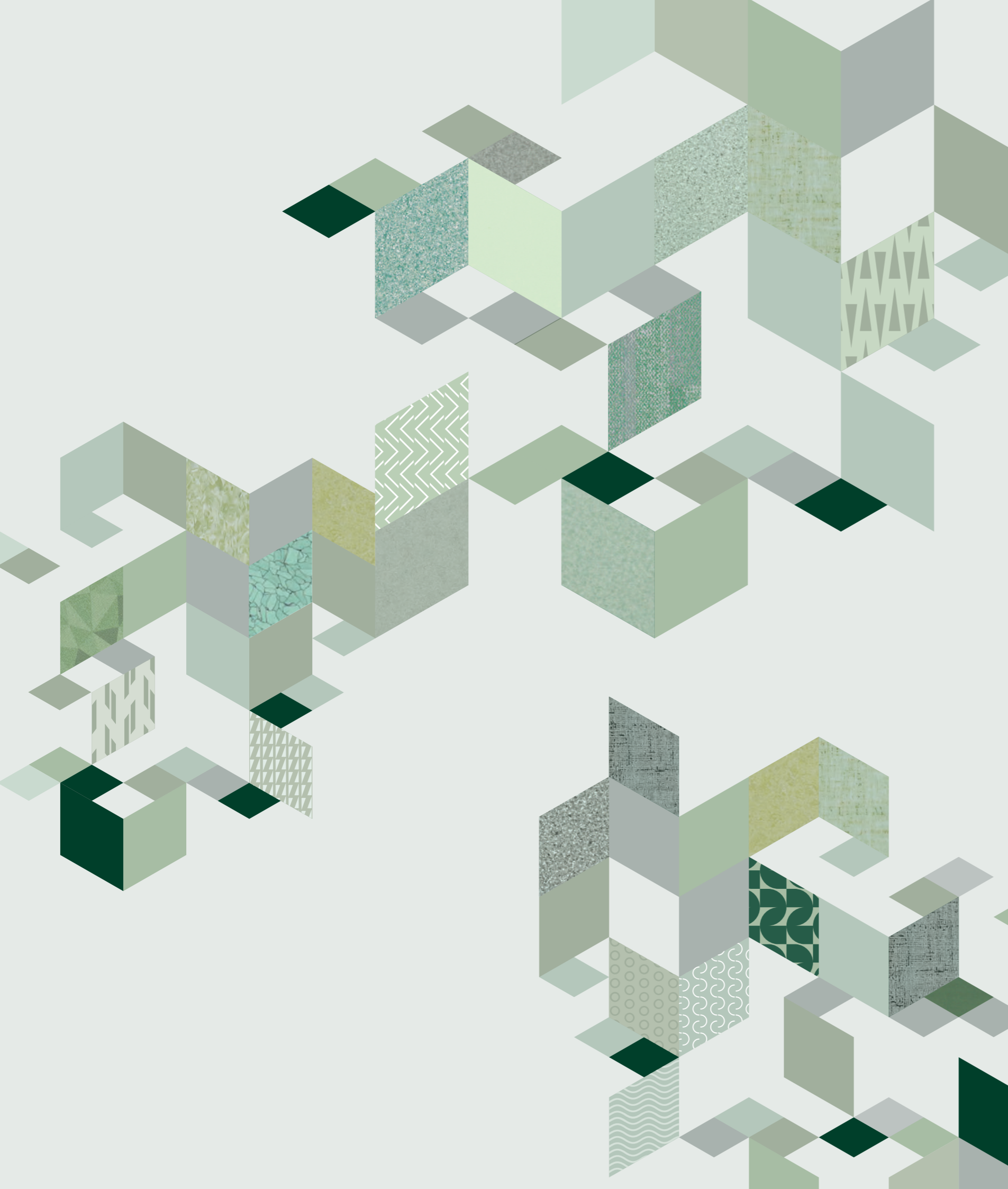
Pattern Woven 6336



landscape carpet 6470

landscape carpet 6075

landscape carpet 6076



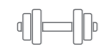
Specialty

- REXCOURT(Sports Flooring)
- Staticpulse(Conductive Tile)
- Woven Tile
- Rubber
- SD Trands, SD Metal(Safety Flooring)
- Wall Covering(Medistep Wall)

REXCOURT(Sports Flooring)

'Highly Resilient Indoor Sports Flooring'

Designed for sports flooring where shock absorption, elasticity, and other requirements for sports activities are needed.



Gymnasium



Basketball court



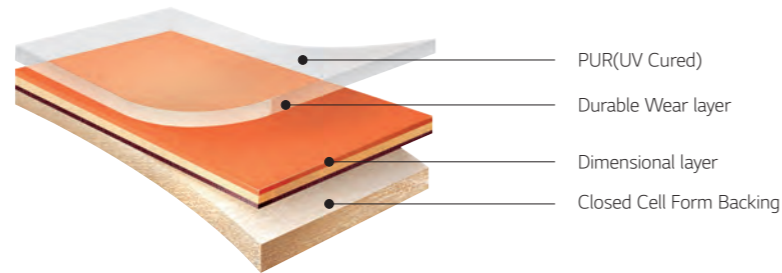
Table tennis



Badminton

Basic Construction

Rexcourt



Technical Data

Characteristics	Test Standard	Unit	Requirement	RESULT				
				Badminton Table Tennis	4.5	6.5	8.0	
Description	Roll Width	M		1.8	1.8	1.8	1.8	
	Roll Length	M		16(Badminton) 14(Table Tennis)	20	15	11	
	Total Thickness	mm		3.9	4.5	6.5	8.0	
	Weight	kg/m ²		2.7	3.1	4.3	4.8	
Player/Surface Interaction	Friction	EN 13036-4	-	80-110	Average 84	Average 93	Average 87	Average 87
	Shock absorption	EN 14808	%	Min.25	/	/	≥ 25	≥ 25
	Vertical deformation	EN 14809	mm	≤ 5.0	0.5	1.0	1.0	1.0
Technical Aspects	Vertical ball rebound	EN 12235	%	≥ 90	Average 100	Average 99	Average 96	Average 99
	Behaviour under a rolling load	EN 1569	-	No damage	No damage	No damage	No damage	No damage
	Resistance to wear	EN ISO 5470-1	g	synthetic surface : ≤1.00	0.23	0.19	0.21	0.21
	Resistance to static load	EN 1516	mm	≤ 0.5	Average 0.13	Average 0.23	Average 0.33	Average 0.31
	Resistance to impact	EN 1517	-	No damage	No damage	No damage	No damage	No damage
Fire Classification	Resistance to Fire	EN 13501-1	-	Cfl-s1	Cfl-s1	Cfl-s1	Cfl-s1	

※ The above value may change for quality improvement without notice.



Features

1. Shock absorption(EN 14808)

Safe for all court sport

2. Vertical deformation(EN 14809)

- Excellent power return enables athletes to increase their on-court performances
- Superior vertical stability eliminates 'area' indentation preventing instability

3. Friction(EN 13036-4)

Optimal slip resistant property provides a safe playing surface a safe playing surface

4. Superior ball rebound(EN 12235)

Ideal for sports with ball bouncing due to strong elasticity

5. Behavior under a rolling load(EN 1569)

Superior durability under heavy rolling and static load limits

6. Resistance to static load(EN 1516)

Excellent durability for sports activities



Specialty

REXCOURT

Sports Flooring **REXCOURT**

Type of Flooring | Sports Vinyl Flooring

Total thickness	4.5/6.5/8.0mm	Wear Layer	0.6mm(4.5T)/1.0mm(6.0, 8.0T)
Width	1.8M	Colors	19 C
Weight	4.5mm:3,100g/m ²	Length	4.5mm:20M/Roll
	6.5mm:4,300g/m ²		6.5mm:15M/Roll
	8.0mm:4,800g/m ²		8.0mm:11M/Roll



SPF 1822

Color of the above product can be different from actual product color.

Wood



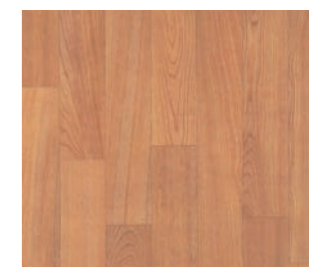
SPF 1001



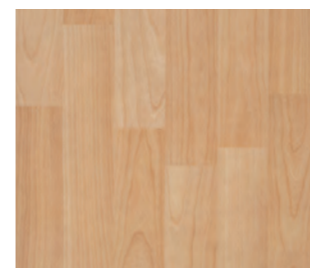
SPF 2001



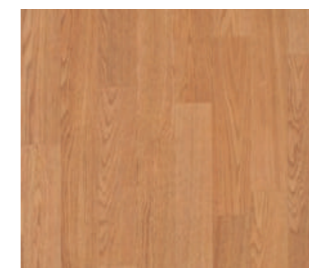
SPF 1452



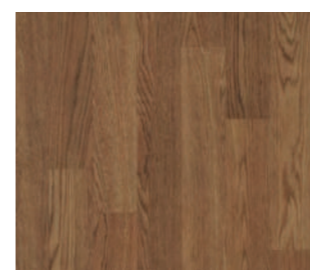
SPF 1811



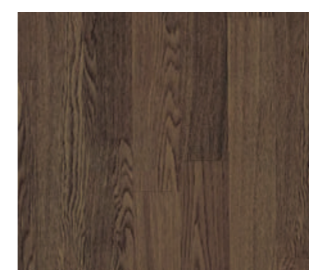
SPF 1451



SPF 1822



SPF 1821



SPF 1823



SPF 2001

Code	Total thickness
SPF xxxx-01	4.5mm
SPF xxxx-02	6.5mm
SPF xxxx-03	8.0mm



SPF1822

Solid



SPF 6301



SPF 6500



SPF 6901



SPF 6200



SPF 6603



SPF 6606



SPF 6402



SPF 6403



SPF 6400



SPF 6303



SPF 6800

Color of the above product can be different from actual product color.

Sports Flooring REXCOURT

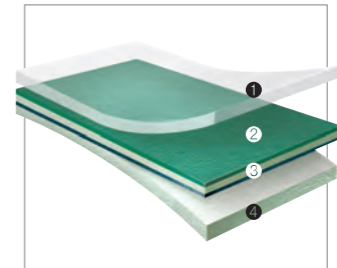
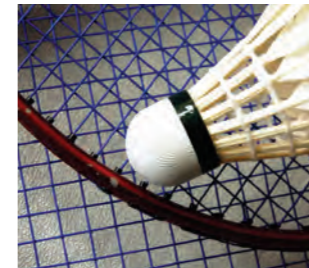
Type of Flooring	Sports Vinyl Flooring(Badminton, Table tennis)		
Total thickness	3.9mm	Wear Layer	1.0mm(3.9T)
Width	1.8M	Length	16M/Roll, 14M/Roll
Weight	2,900g/m ²	Colors	2 C



Badminton_3.9mm×1,800mm×16m/Roll

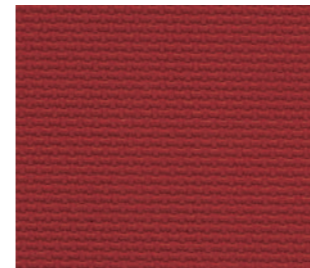


SPF 6602-06

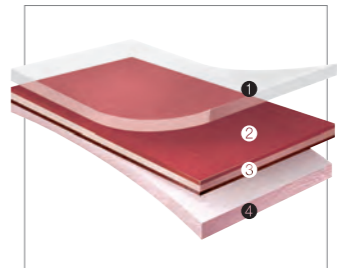


- ① HPU Treated
- ② Wear layer
- ③ Reinforced glasspaper layer
- ④ Closed cell foam backing

Table tennis_3.9mm×1,800mm×14m/Roll



SPF 6202-06



- ① HPU Treated
- ② Wear layer
- ③ Reinforced glasspaper layer
- ④ Closed cell foam backing



Code	Total thickness
SPF xxxx-01	4.5mm
SPF xxxx-02	6.5mm
SPF xxxx-03	8.0mm

Specialty

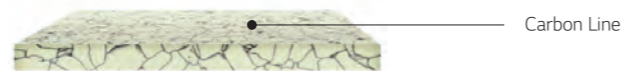
REXCOURT

Staticpulse(Conductive Tile)

Staticpulse is a pressed floor covering tile with high performance electrostatic conductive and static dissipative properties.

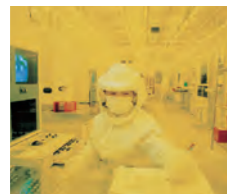


Basic Construction



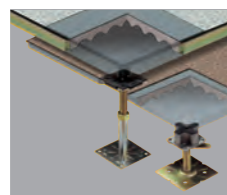
Static Pulse is the ultimate solution for technological environments where electrostatic property is very critical factor.

Applications



CLEAN ROOMS

Staticpulse meets requirements in clean rooms as strict as class 10 based on its high-tech know-how by over 700 research and manufacturing staffs. It has no free carbon to contaminate the clean room, and low outgassing emission and is independent of room temperature and humidity. It is highly suitable for special clean room maintenance techniques, Semiconductor, Microelectronics, Optics, Aerospace, Pharmaceuticals, Biotechnology, etc.



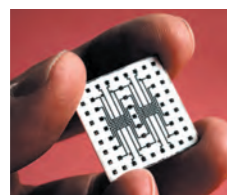
ACCESS FLOORING

Staticpulse is suitable for use on access flooring. It can easily be perforated without risk of rough edges or the tile cracking or breaking. Major manufacturers of raised or access flooring are experienced in the use of Staticpulse.



HEALTH CARE

Staticpulse removes static to prevent data errors that may occur with high-tech visual medical equipment such as CT SCAN, MRI, and other sensitive equipment by static discharge.



ELECTRONICS MANUFACTURING ASSEMBLY, TEST AREAS

Staticpulse is a permanently installed material that helps protect sensitive electronic devices, assemblies, and products from personnel-generated electrostatic discharge.



COMPUTER AND ELECTRONIC EQUIPMENT AND TELECOMMUNICATIONS ENVIRONMENTS

Staticpulse controls static discharges into computer terminals or other sensitive electronic equipment, thus preventing damage to internal circuitry, incorrect entries or retrieval, loss of computer memory or other malfunction. It protects large data processing facilities, computerized typesetting and drafting equipment, process control equipment, communications installations, and other static sensitive equipment and instruments.

Technical Data

ITEM	Standard test Method	Specification	Conductive Tile	Static Dissipative Tile
Electrical/Electrostatic Properties				
Electrical Resistance	ASTM F 150, ESD S 7-1	Conductive: $2.5 \times 10^4 - 1.0 \times 10^6 \Omega$ Static Dissipative: $1.0 \times 10^6 - 1.0 \times 10^9 \Omega$	$2.5 \times 10^4 - 1.0 \times 10^6 \Omega$	$1.0 \times 10^6 - 1.0 \times 10^9 \Omega$
Static Generation	AATCC-134		0.1kV	0.2kV
Static Decay Time	Federal Test Method 101B Method 4046	< 0.5 sec	0.01 sec	0.01 sec
Other Properties				
Classification	ISO 10874			Class 34 / 43
Composition of Material	ASTM F 1700, Certificate of Compliance			Homogeneous
Thickness	ASTM F 386, EN 428	as specified ± 0.13 mm		Meet Standard
Nominal Sizes	ASTM F 2055, EN 427	$< \pm 0.4$ mm/305 mm		Meet Standard
Squareness	ASTM F 2055	maximum 0.25 mm		Meet Standard
Residual Indentation	ASTM F 1914, EN 433	Average Less than 8%, max single reading 10%		< 8 %
Flexibility	ASTM F 137, ISO 24344	25.4mm mandrel, no crack or break		25.4mm mandrel, no crack or break
Dimensional Stability	ASTM F 2199, EN 434	< 0.51 mm/305 mm		Meet Standard
Resistance to Chemicals	ASTM F 925	No more than a slight change in surface dulling, surface attack or staining		No more than a slight change in surface dulling, surface attack or staining
Reaction to Fire	EN13501-1			Bfl-s1
Static Electrical Propensity	EN 1815			< 2kV
Critical Radiant Flux	ASTM E 648, NFPA 253			Class 1 (> 0.45 W/cm ²)
Smoke Density	ASTM E 662	< 450		< 450
Resistance to Heat	ASTM F 1514	$\Delta E < 8$ ave, max		Meet Standard
Resistance to Light	ASTM F 1515	$\Delta E < 8$ ave, max		Meet Standard
Color Fastness	EN ISO 105 B02	6 minimum		At least 6
Thermal Conductivity	DIN 52612, ISO 12677			0.309 W/(m.k)
Slip Resistance	DIN 51130			R9
Wear Resistance	EN 660-2			Group M
Castor Chair Test	ISO 4918			No Change
Fulfills product requirements	EN 649			Yes
Underwriters Laboratories	UL 779			Meet UL Standard
Warranty				
Free from defects in Workmanship and materials*				Five years
Conductivity*				Lifetime

* The above technical data is subject to modification for the benefit of further improvements.

* LG Hausys EDS Control Tile is executive warranty is valid only when tile is installed with LG Hausys ESD Control Tile adhesive.

Conductive Tile **Staticpulse**

Type of Flooring	Conductive and Static-Dissipative tile		
Total thickness	3.0/2.0mm	Chip through	
Size	600×600/610×610mm		
Packing	15/10pcs	Colors	10 C

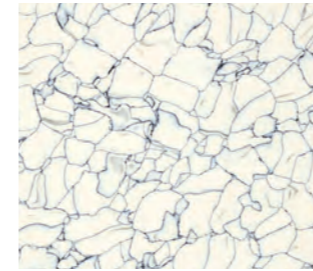


*C: Conductive / SD: Static Dissipative

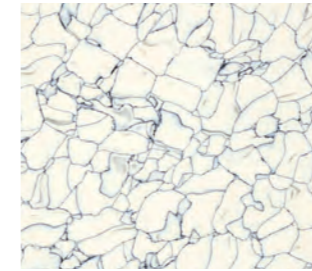


C/SD 6092, C/SD 6082

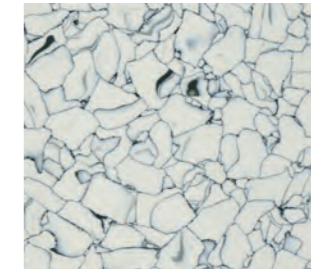
Color of the above product can be different from actual product color.



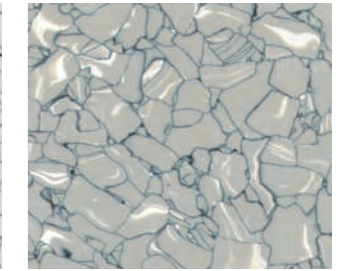
C/SD 6001



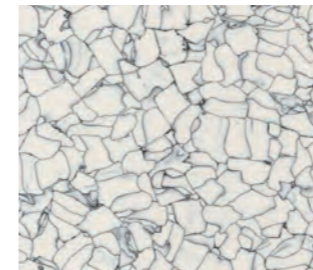
C/SD 6101



C/SD 6111



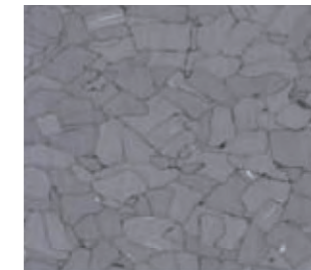
C/SD 6005



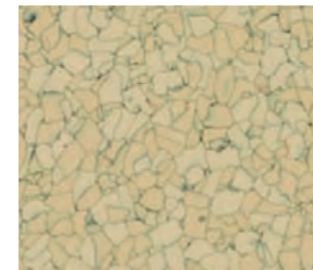
C/SD 601



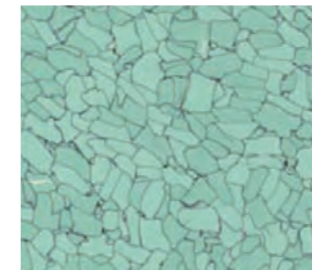
C/SD 6200



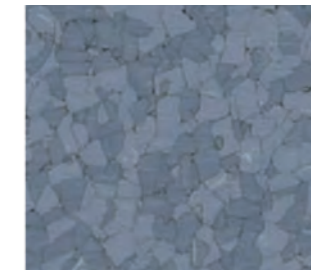
C/SD 6062



C/SD 6072



C/SD 6082

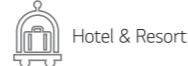


C/SD 6092



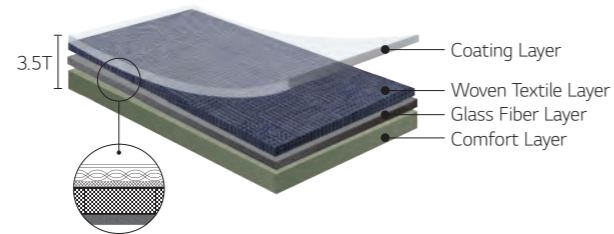
C/SD 6001

Woven Tile



Basic Construction

Tile : 3.5mm X 500mm X 500mm



Technical Data

Characteristics	Standard	Unit	Woven Tile(3.5mmT)
Surface Treatment			Easy Clean UV
Classification	EN 1307		33
Thickness	ISO 1765	mm	3.5
Weight	ISO 8543	g/m ²	3,200
Tile Size	EN 994	mm	500 x 500
Dimension		pcs/Box	26
Dimensional stability	ISO 2551(EN 986)	%	Fulfilled
Flexibility	ISO 24344(EN 435)		No crack
Color fastness to light	ISO 105-B02		≥ 7
Castor chair suitability	EN 985		Fulfilled
Slip resistance	EN 13893		DS
	DIN 51130		R10
Chemical resistance	ISO 26987(EN 423)		Good
Reaction to fire	EN 13501-1		Bfl-s1
Body voltage	EN 1815	kV	< 2
Thermal Resistance	EN 12667		suitable for underfloor heating
Impact sound insulation	EN ISO 10140	dB	15
Airborne sound absorption	EN ISO 354		0.05
Fraying	EN 1814		Frayproof

Quarter Turn
Installation required



WCT 1107, WCT 1104, WCT 1102, WCT 1103



WCT 1005

Woven Tile

Type of Flooring	Textile flooring		
Total thickness	3.5mm		
Width	500mm	Length	500mm
Weight	3,200g/m ²	Colors	19 C



For all Woven tile, the quarter turn installation required.



WCT 2001-02, WCT 2002-02

Dots



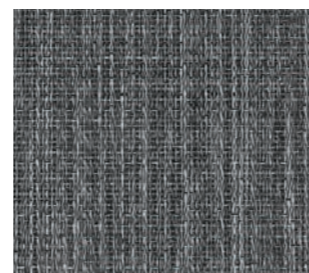
WCT 2001-02 Mint/Beige



WCT 2006-02 Bark

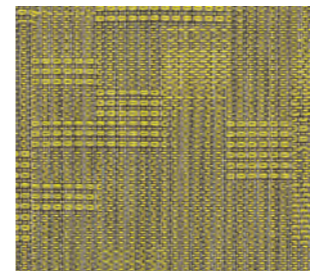


WCT 2005-02 Mustard Seed

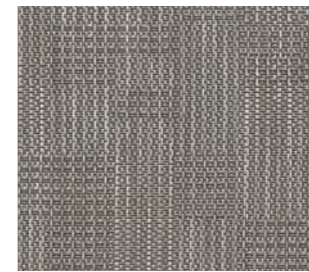


WCT 2002-02 Mint/Grey

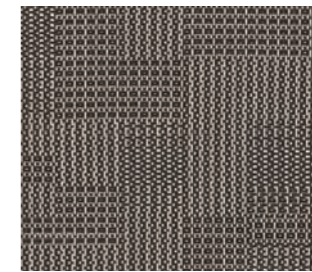
Square



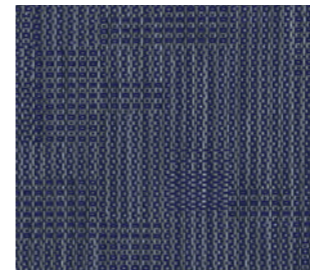
WCT 1004-02 Lemon Yellow



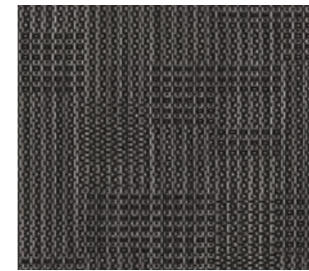
WCT 1001-02 Quartz



WCT 1006-02 Mocha



WCT 1005-02 Indigo Blue

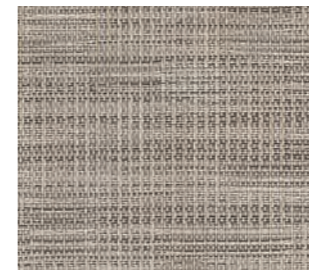


WCT 1003-02 Slate

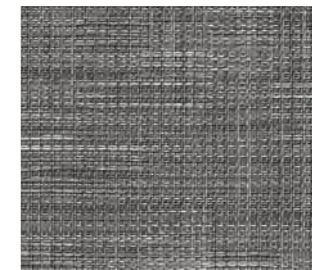
Neutral



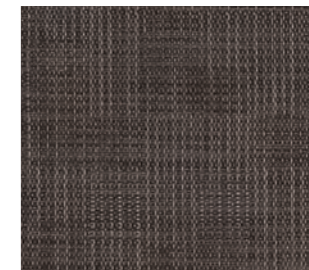
WCT 1104-02 Sand



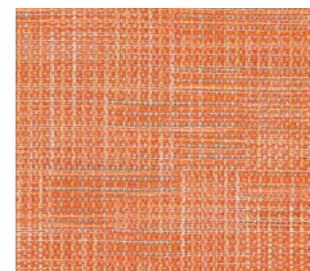
WCT 1101-02 Crema



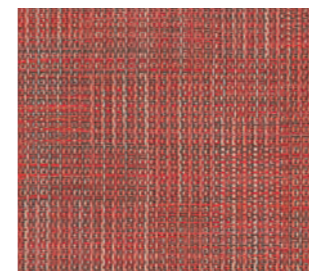
WCT 1102-02 Metal



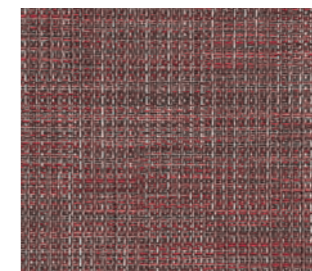
WCT 1105-02 Espresso



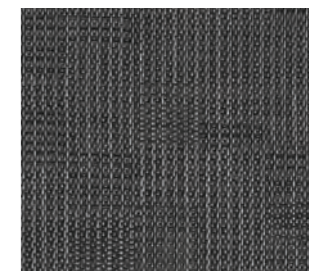
WCT 1106-02 Sunrise



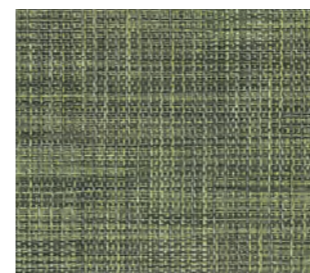
WCT 1107-02 Scarlet



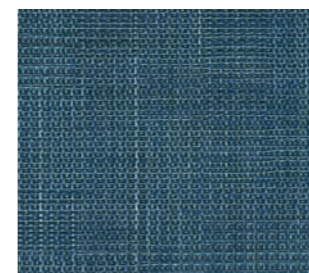
WCT 1108-02 Garnet



WCT 1103-02 Carbon



WCT 1109-02 Forest



WCT 1110-02 Ocean

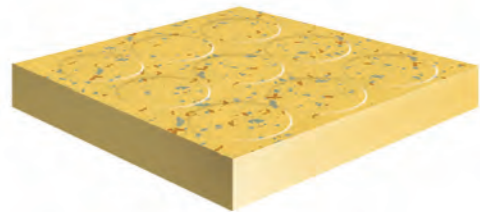
Rubber

Excellent durability and hygiene rubber flooring suitable for heavy traffic areas.



Basic Construction

Tile

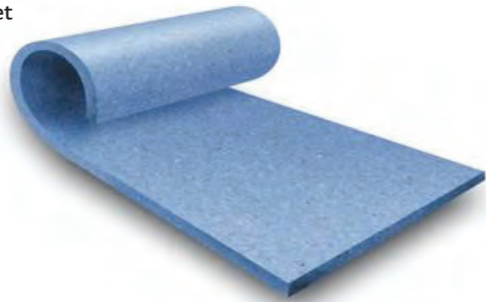


thickness 3.0/3.5/4.0/9.5mm



Homogeneous Rubber tile

sheet



thickness 2.0/3.0mm



Homogeneous Rubber sheet

Technical Data

Style list	Standard(mm)	Specifications	Color
Round	3.0(T) x 500/1,000(W) x 500/1,000(L)	pcs, 5m ² /Box	23C
	4.0(T) x 500/1,000(W) x 500/1,000(L)	pcs, 4m ² /Box	
Stair	3.0(T) x 480(W) x 1,200(L)	pcs	23C
	5.0(T) x 480(W) x 1,200/1,500/1,800/2,100(L)	pcs	
Hammered	3.0(T) x 500/1,000(W) x 500/1,000(L)	pcs, 5m ² /Box	18C
	3.5(T) x 500/1,000(W) x 500/1,000(L)	pcs, 4m ² /Box	
Hammered	9.5(T) x 1,000(W) x 1,000(L)	pcs	4C
Sheet	2.0(T) x 1,200(W) x 15m(L)	15M/Roll	13C
	3.0(T) x 1,200(W) x 12m(L)	12M/Roll	

Features



Slip resistance for increased safety

· Surface shape allows maximization non-slip function of Rubber



Comfort walking

· Excellent footfall sound absorption
· Quiet and comfortable underfoot



Excellent Durability

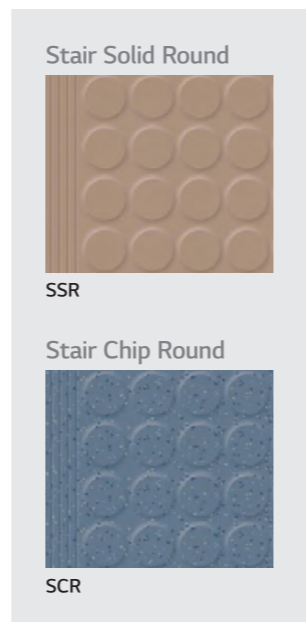
· Excellent wear resistance
· Stain resistant and permanently resilient



TCR 93, SCE 1021

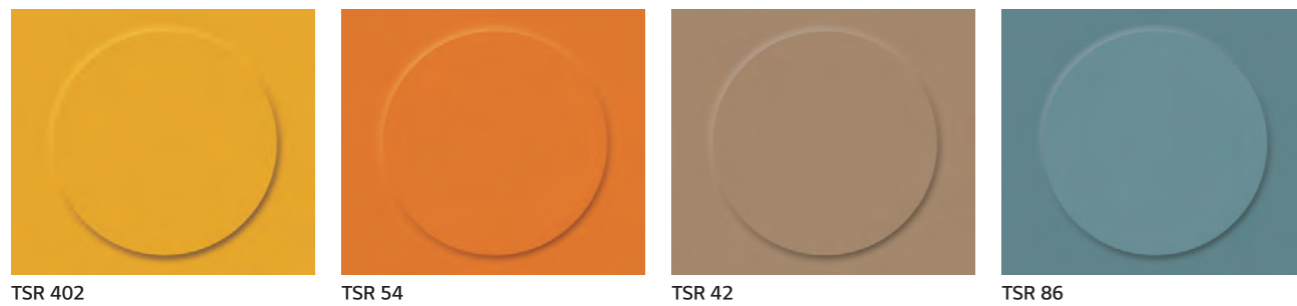
Rubber Tile

Type of Flooring	Rubber Tile
Total thickness	3.0/4.0/6.0/9.5mm(Sports)
Colors	45 C/Round(23 C), Stair(23 C), Hammersd(18 C), Sports(4 C)



RUBBER TILE

Solid Round



TSR 402

TSR 54

TSR 42

TSR 86

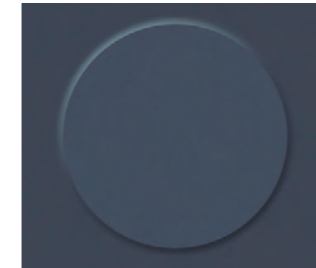


TSR 93

TSR 33

TSR 97

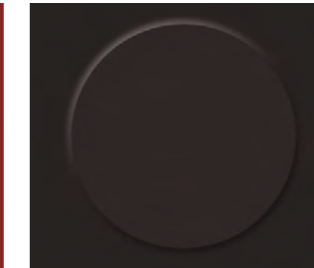
TSR 304



TSR 91



TSR 52

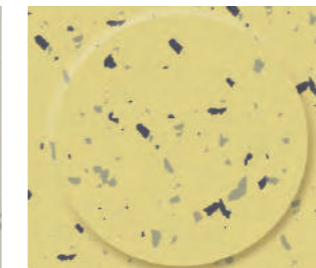


TSR 20 (4T만 운영)

Chip Round



TCR 5003



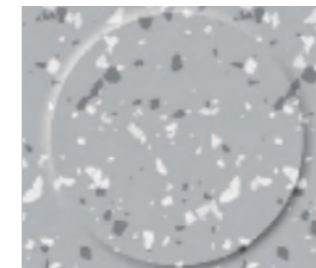
TCR 81



TCR 48



TCR 45



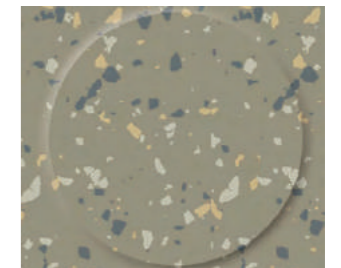
TCR 5005



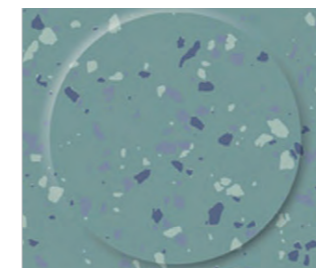
TCR 44



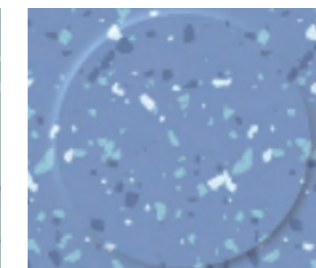
TCR 46



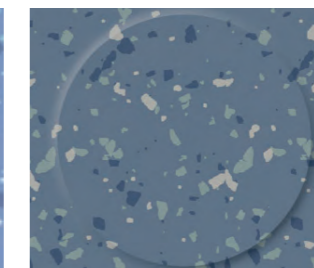
TCR 31



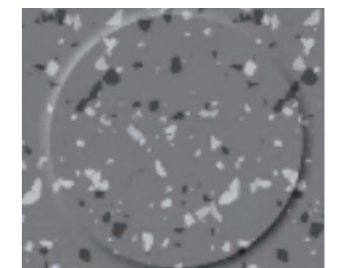
TCR 88



TCR 5001

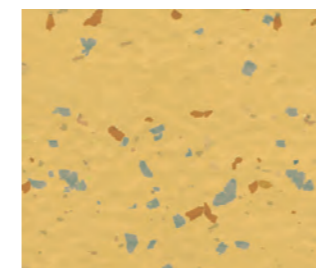


TCR 93

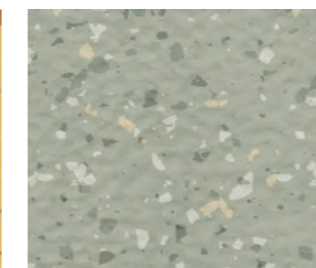


TCR 5006

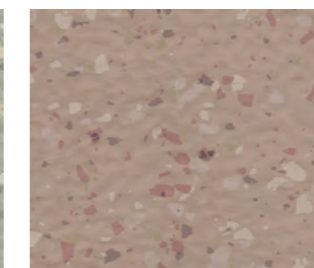
Sports Chip Hammered



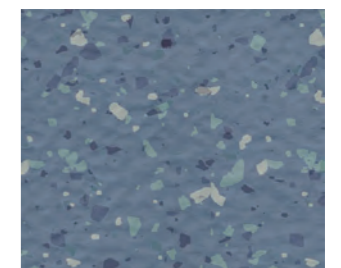
SCH 48



SCH 31



SCH 44



SCH 93

Color of the above product can be different from actual product color.

RUBBER TILE
Solid Hammered



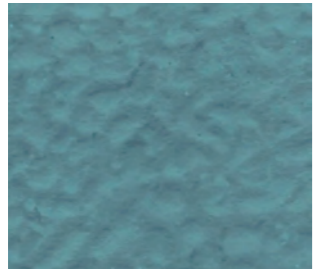
TSH 31



TSH 42



TSH 30



TSH 86

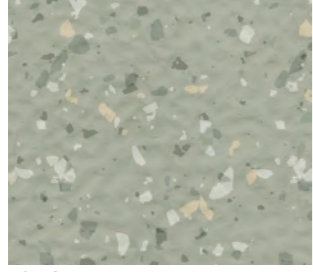


TSH 93

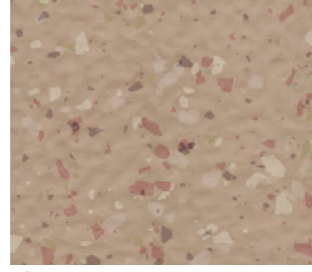


TSH 921

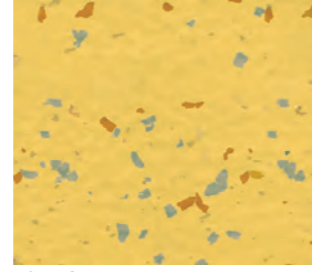
Sports Chip Hammered



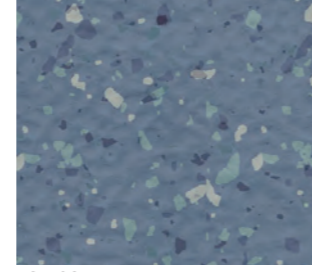
TCH 31



TCH 44

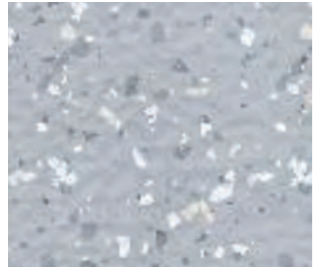


TCH 48

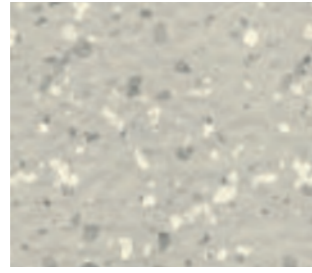


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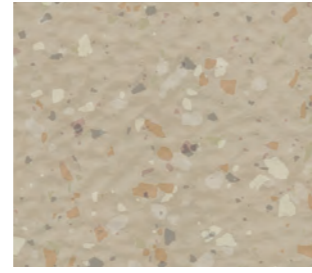
Chip Hammered



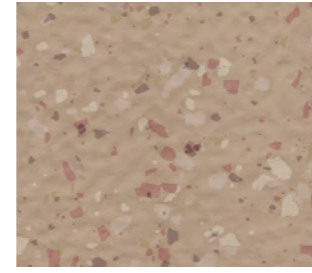
TCH 5005



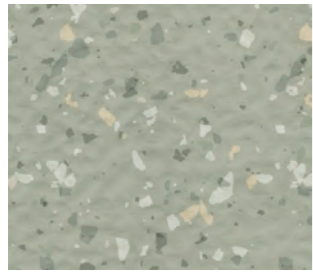
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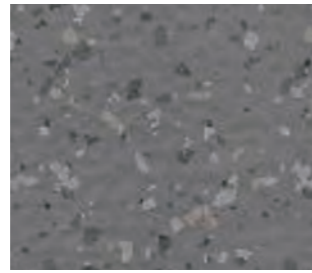
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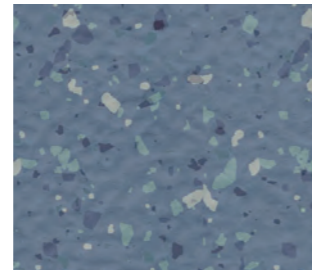
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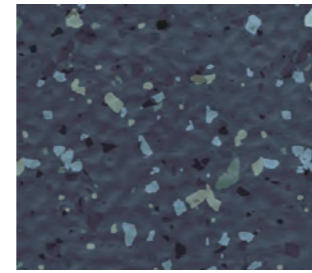
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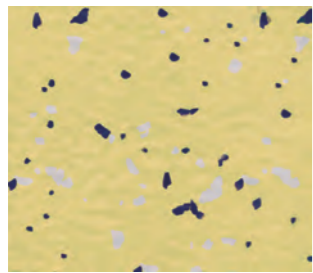
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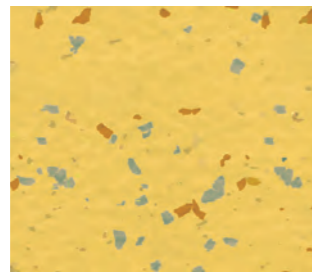
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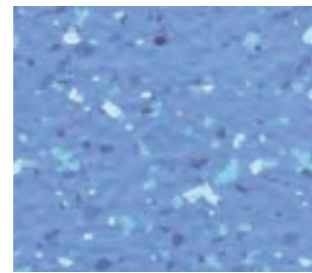
TCH 99



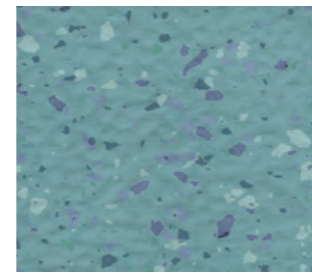
TCH 81



TCH 48



TCH 5001



TCH 88

Rubber Sheet

Type of Flooring	Rubber Sheet
Total thickness	2.0mm
Wear Layer	2.0T×1,200(w)×15m(L)/3.0T×1,200(w)×12m(L)
Colors	13 C



RUBBER SHEET
Solid Embo



SSE 8000



SSE 4100



SSE 9000



SSE 1000



SSE 3200

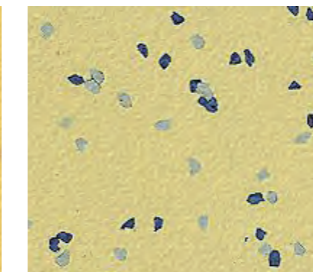


SSE 3000

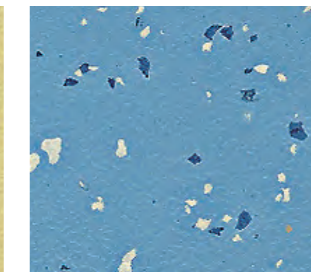
Chip Embo



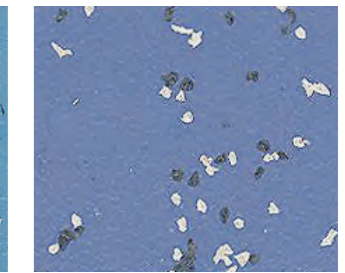
SCE 4143



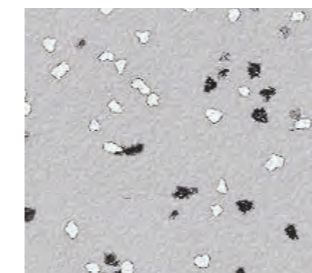
SCE 8098



SCE 9091



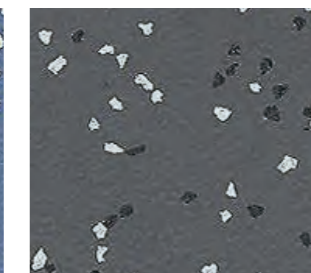
SCE 9121



SCE 1021



SCE 9221



SCE 3021

Safety Flooring **SD Trans, SD Metal**

Type of Flooring	Heterogeneous commercial vinyl sheet		
Total thickness	3.2/3.0mm	Wear Layer	0.8mm
Width	1.83M	Length	18M/Roll
Weight	4,400/4,000g/m ²	Colors	12 C



TLLF 342-01

Color of the above product can be different from actual product color.

Trans

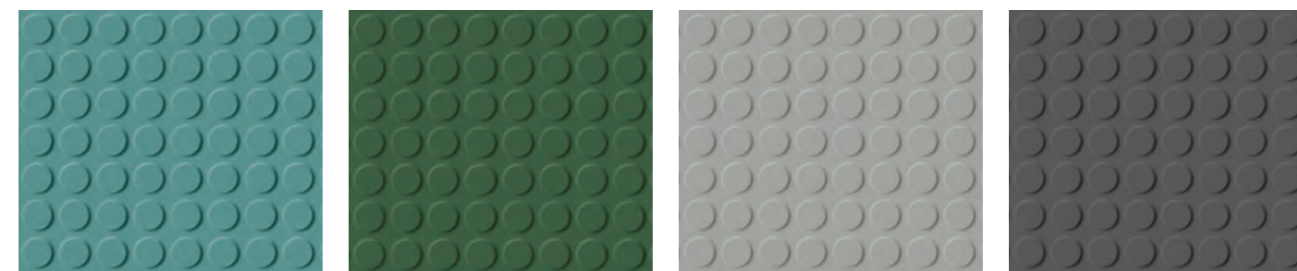


TLLF 342-01

TLLF 322-01

TLLF 362-01

TLLC 342-03



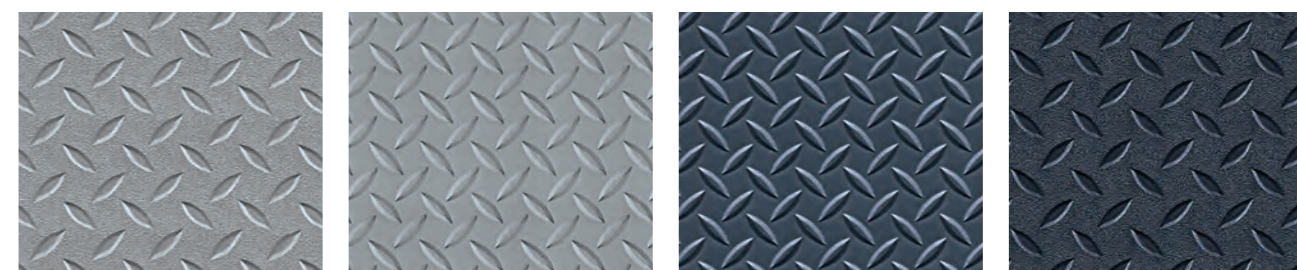
TLLC 320-03

TLLC 322-03

TLLC 361-03

TLLC 362-03

Metal



MTSD 263-01

MTSD 120-01

MTSD 133-01

MTSD 233-01



TLLF 362-01

Wall Covering(Medistep Wall)

Flexible heterogeneous vinyl sheet with colored compact layer and glass paper inlaid structure. Medistep Wall is ideal for walls in healthcare and educational areas.



Healthcare

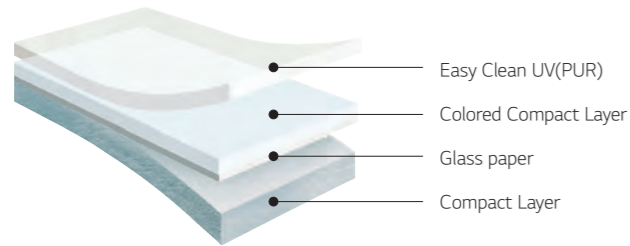


Corridor



Kindergarden

Basic Construction



Features



Superior dimensional stability

High resistance to heat and humidity due to glass paper inlaid structure



Low maintenance cost and anti-bacterial

Easy maintenance with specially treated PUR and Superior resistance to outer contaminants and bacteria



Strong resistance to scratch

Not easily worn out against heavy traffic



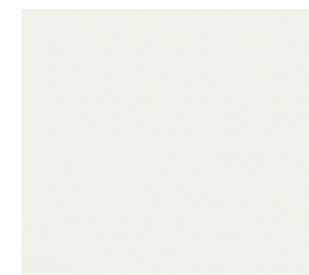
Technical Data

Characteristic	Standard	Unit	Medistep Wall
Surface treatment			Easy Clean UV(PUR)
Format			Sheet
Roll length		M	40
Width	ISO 24341(EN 426)	mm	2,000
Thickness	ISO 24346(EN 428)	mm	1.0
Weight	ISO 23997(EN 430)	g/m ²	1,560
Residual indentation	ISO 24343-1(EN 433)	mm	< 0.1
Dimensional stability	ISO 23999(EN 434)	%	< 0.4
Color fastness to light	ISO 105-B02		> 6
Reaction to fire	EN 13501-1		Bfl-s1
Chemical resistance	ISO 26987(EN 423)		Fulfilled
Wear resistance	EN 660-2		T
Castor chair test	ISO 4918(EN 425)		Fulfilled
Flexibility	EN 435		no crack

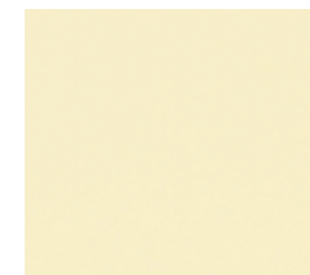
Color of the above product can be different from actual product color.

Wall Covering Medistep Wall

Type of Flooring	Vinyl Wall Sheet		
Total thickness	1.0mm	Wear Layer	
Width	2M	Lenght	40M/Roll
Weight	1,560g/m ²	Colors	10 C



WAL 2001-01



WAL 2003-01



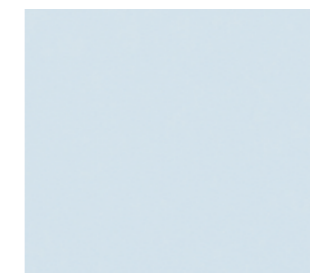
WAL 2006-01



WAL 2005-01



WAL 2009-01



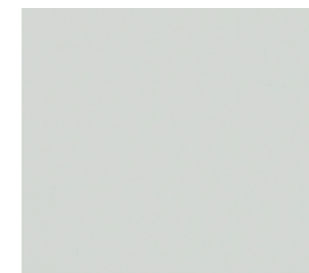
WAL 2002-01



WAL 2004-01



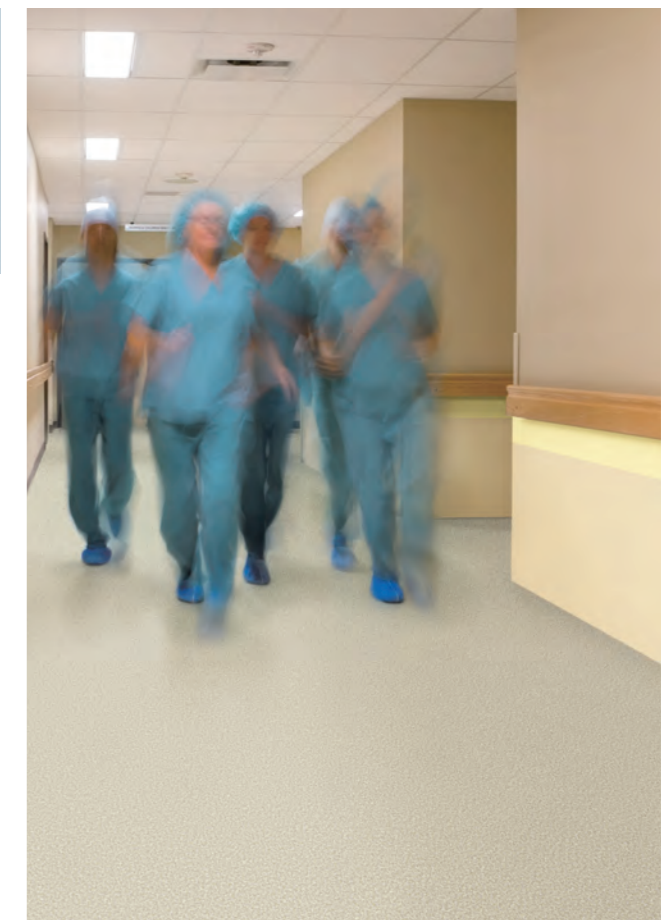
WAL 2007-01



WAL 2008-01



WAL 2010-01



WAL 2005-01, WAL 2006-01

Specialty

Medistep Wall





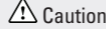


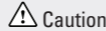


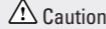




Technical Folder



- Installation Guide
- Packing Information
- Warranty
- Global Network

Installation Guide

Homogeneous Sheet / Heterogeneous Sheet

LG Hausys surface treatment information for maintenance guide			
Surface Treatment	Product	Features	Maintenance
PUR(UV Cured) 	 Sheet - Rexcourt - Senior - Comfort 3.4	- Strong resistance to scratch	- Cleaning  Caution - No wax, No polish
Easy Clean UV 	 Sheet - Palace, Bright, Supreme - Durable - Delight, Calmpasso - Wall - EQ Floor, Allroad, Leisure 4.0	Easy Clean UV Surface Treatment - Highly dense web-structured coating - Uniquely strong resistance to contamination - Polish or wax coating isn't allowed without stripping process	- Cleaning → Buffing → Waxing & Coating  Caution - No wax, No polish without stripping
Easy Clean UV+ 	 Sheet - Medistep MediStudio	Easy Clean UV+ Surface Treatment - Industry's best anti-scratch, anti-bacterial, and anti-iodine treatment - Waxing and coating allowed after polishing	- Cleaning → Buffing → Waxing & Coating  Caution - No wax, No polish without stripping
Deep Clean UV 	 Sheet - Space, Unite	Deep Clean UV Surface Treatment - Solid, high-density coating structure - Strong anti-bacterial and anti-iodine treatment - Waxing and coating allowed after delamination	- Cleaning → Buffing → Waxing & Coating
Deep Clean UV+ 	 Sheet - Origin	Deep Clean UV+ Surface Treatment - Industry's best anti-scratch, anti-bacterial, and anti-iodine treatment - Waxing and coating allowed after delamination	- Cleaning → Buffing → Waxing & Coating

Storage & Handling

1. Storage

- When storing products at warehouse, maintain appropriate temperature (10°C, 55°F) and store upright. Careful attention should be paid to the possibility of rolls falling down. Secure completely to prevent accidents.
- Do not expose products to direct sunlight and moisture (water). Store them at a place not affected by rain or snow.

2. Movement & Handling

- Material is heavy! Use a forklift for movement or loading / unloading. If necessary, two people should move the product in order to avoid physical injury or damage.
- When moving products with a forklift, make sure that product is not damaged by the forks.

Installation

1. Preparation Before Installation

- Remove existing flooring. (When removal is undertaken, make sure that all applicable local, state, and federal regulations are observed.)

· Warning

Do not sand, dry scrape, beadblast, or mechanically pulverize existing flooring, backing or lining felt, or asphalt adhesive. These may contain asbestos fibers or crystal silica (silex). Do not create asbestos dust because such asbestos fibers or crystal silica may cause asbestosis or other serious respiratory diseases. Smoking greatly increases the risk of serious bodily harm when airborne asbestos particles are breathed. It is necessary to determine whether those products contain such asbestos fibers.

- Dry the subfloor to get the moisture content of below 5%.
- Clean the subfloor. Remove traces of dust, stains, paint, oil, grease, asphalt, varnish, wax, adhesive, and other contaminants.
- Any cracks, grooves, holes, and depressions should be leveled. Use a cementitious leveling agent.

2. Precautions

- Flooring materials and adhesives ideally should be maintained at a temperature between 20°C(70°F) and 30°C(85°F) for at least 48 hours before and after installation.
- Be sure to store flooring materials upright. Do not lay flooring down for extended periods of time.
- When sheet flooring materials have been stored at cold temperatures, it is necessary to open the sheet flooring, roll out overnight for conditioning before installation.
- Suitability for installation of new sheet flooring over existing flooring rests solely with the installer.

3. Identification of Flooring Products & Rough-Cutting

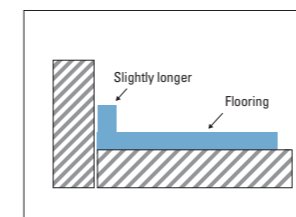
- If installation requires more than one roll of flooring product, be sure to select those with successive roll numbers with the same lot number.
- Examine the installation site to determine the number of rolls for installation required. Be sure to avoid placing seams in any entrance ways.
- Rough cut the flooring and allow it to be sufficiently conditioned to the working environment.

4. Primary Installation

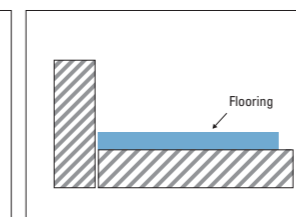
Primary installation according to the Knife Cutting Method or Scribe Cutting Method

4-1. Knife Cutting Method

- Spread sheet flooring products over subfloor. (See Fig.1)
- Portions along the wall surface and edge should be sufficiently adhered to the surface and cut in a 'V' shape from corner. Next, cut flooring to be slightly longer according to the shape of the walls. (See Fig. 2)



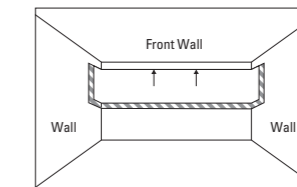
(Fig.1)



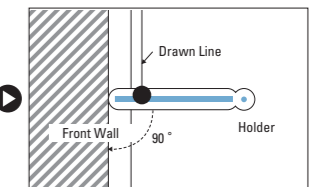
(Fig. 2)

4-2. Scribe Cutting Method

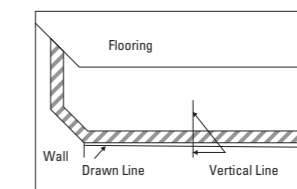
- Spread sheet flooring products over the subfloor. (See Fig. 1)
- Place ends of sheet flooring up the wall surface slightly and spread balance over subfloor with certain distance from the front wall (about 4 inches). (See Fig. 2)
- Point a scribing tool toward the front wall and slowly move at a right angle to the flooring. (See Fig. 4)
- Use a hook-shaped knife to cut the flooring along the line that has been marked by the Scribing Tool. Use knife at a slant to cut more back side than the surface. Finally, set the flooring toward the front wall. (See Fig. 5)
- In order to cut the flooring at both wall sides, draw a line along the edge with a chalk and mark "+ line" on the subfloor and the flooring as shown in figure. (See Fig. 6)
- Move and spread the flooring until one edge of the flooring rising up the wall. (See Fig. 7)
- Accurately measure the distances of the line at a right angle to the subfloor and the line on the flooring moved. (See Fig. 7) Draw a line on the sheet flooring with a scribing tool along the wall where the flooring goes down to the subfloor. (See Fig. 8)
- Cut the flooring along the drawn line with the hook-shaped knife and set the flooring toward the wall.
- Cut the flooring rising up the opposite wall according to the same method.



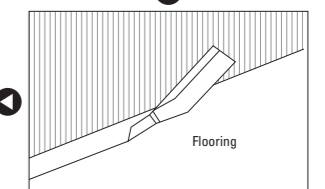
(Fig.3)



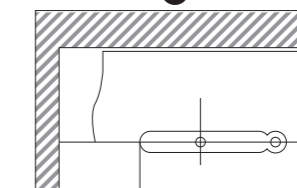
(Fig. 4)



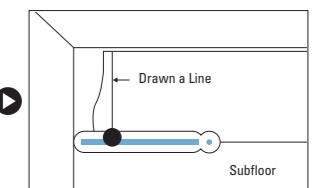
(Fig.5)



(Fig. 6)



(Fig.7)



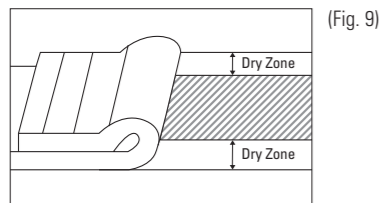
(Fig. 8)

Installation Guide

Homogeneous Sheet / Heterogeneous Sheet

5. Adhesive Application

- Be sure to allow appropriate open time before installation. Open time means the interval of time beginning when the adhesive is spread on the substrate and shows the strongest adhesive strength by proper viscosity. LG Hausys strongly recommends to use LG's recommended adhesive. And Don't forget to lay the flooring within Work Time. Work time means the last time that adhesive shows adhesive strength before it dries much. Open time and Work time of LG's recommended adhesive is respectively 20min, 60min.
- This flooring product should be installed using specified adhesive and trowel.
- While preventing movement of the flooring sheets, turn up at least half of the sheet as shown.
- Snap a chalk line along the flooring folded part, which plays a role of guide for installation of the second half.
- Apply the specified adhesive and spread with the specified trowel. (See Fig. 9)
- When the adhesive has full adhesive strength, carefully lay the flooring products while not leaving any air bubbles. Rolling with a 45kg (100 lb) or more 3-section roller is recommended. This rolling process removes air bubbles and contributes to complete bonding. If necessary, use a hand roller for corners.
- After adhesion of the first half, repeat the same procedures for the remaining half.



- The following conditions may result in poor installation.

- ⓐ Lack of adhesive.
- ⓑ Installation when the adhesive is lumped When adhesive is applied incorrectly.

6. Installation of Second Roll & Remaining Rolls

- Spread the second roll of flooring product over the subfloor while appropriately overlapping the embossed-line on the firstly installed flooring's edge and the embossing-line on the second edge.
- Conduct wall-side cutting according to the previously described procedures.
- Apply the adhesive.
- Install the other flooring sheets according to ② and ③.

· Note

In spite of constant manufacturing process, color difference within different batches is possible. To avoid differences in designs and colors, Use only one batch for one single room.

For all sheet-type product, the reverse installation is strongly recommended to get best appearance, especially for products with solid pattern.

7. Seams

- Seams are the most important part in installation.
- Seams should be recess scribed for best results.
- Apply the adhesive with the specified trowel. When the adhesive has full adhesive strength, carefully lay the sheet flooring.
- Roll sheet flooring with a 3-section roller. Use a hand roller for seams and then, wipe any adhesive residue off of the seams.
- Continue the installation according to the same method.

· Note

For Rexcourt, the edges don't have to be cut during installation, since they come out vertically and neatly at the stage of production. So, Be sure not to overlap the first roll when installing the second roll of Rexcourt, but to stick two rolls directly side by side.

8. Seam Connection

For seam connection, two methods are being applied ; Heat Welding and Cold Welding (Chemical Welding).

· Note

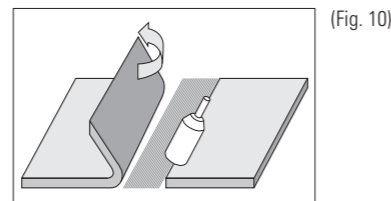
For commercial application, Heat welding is highly essential for better result. Do not use chemical welding for Rexcourt, use only heat welding system.

8-1. Chemical Welding

(Heterogeneous Sheet : Light Commercial Area)

■ 1st step : Side Welding

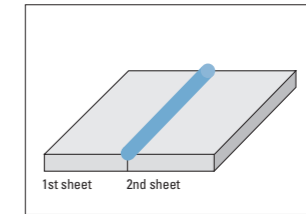
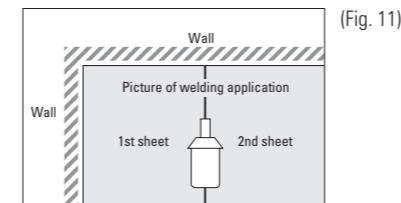
- Thoroughly shake the chemical seam sealer for proper mixing.
- Fold one half of the layer at the seam.(See Fig.10)
- Apply chemical weld on the product at the seam. Clean up the excessive Chemical. Welding Solution immediately using dry towel dampened with mineral spirits or denatured alcohol.



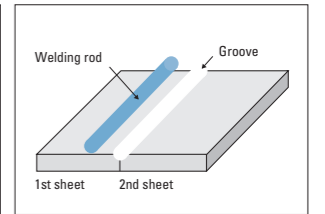
■ 2nd step : Surface Welding

- Insert the tip of the LG welding applicator in the seam. Pull with steady pressure. (See Fig.11)
- Clean up the excessive using dry towel within 30 seconds after seam welding.

⚠ Caution
Chemical welding solution left on sheet flooring for more than 30 seconds will damage the surface of the material.



(Fig.12)



(Fig. 13)

9. Finishing & Miscellaneous

- Sweep the floor.
- Remove all trash and scraps.
- Wait 48 hours after installation before cleaning the floor. Remove any stained materials with a damp mop.
- Move furniture or other objects into the newly installed area 48 hours after installation. Use the hard board or cart to prevent any damage to the flooring.
- For heavy furniture or objects, use the pad to prevent any damage to the flooring.

8-2. Heat Welding

(Heterogeneous Sheet : Heavy Traffic Area)
(Homogeneous Sheet)

- Prior to heat welding, the adhesive applied should be completely cured. Wait at least 24 hours.
- Supply the power to the heat welding gun and heat it to 220°C(428°F).Temperature is very important in heat welding. Too hot or too slow may result in burning or melting the flooring surface.
- Using a floor router, determine appropriate blade depth after trials with scrap material. Adjust the machine to have a groove approximately 2/3 depth of material.
- Using a floor router, make a groove 2/3 in depth relative to the flooring's thickness along the seam line. Stop the router several centimeter from the wall and use a hand grooving tool to make the groove from that point to the wall.
- Feed the welding rod into the welding gun nozzle. (In advance, practice welding work with use of scraps as in step ③)
- Proceed welding at a constant rate.
- As the gun approaches the wall, change the direction and continue welding.
- Cut the protruding portion of welding rod to be flush with the sheets before rod cools down.
- For other sheets, conduct heat welding according to the above procedures

Installation Guide

Tile (LVT / VCT)

Installation

1. Selection of Flooring

Several factors must be considered when specifying resilient flooring. A proper evaluation of site conditions, level of commercial traffic, and other external factors should be considered. Design and pattern, product durability, substrates and site conditions are all basic parts in the specification process that must be considered.

· Important!

LG HAUSYS DECO Tile and Gallant Tile should not be used for exterior applications, golf shops, locker rooms, food processing facilities, or commercial kitchens.

2. Basic Requirements

Flooring must be installed at the final stage in any type of construction. Allow enough time for adhesive to cure. Keep foot traffic off of the floor for at least 24 hours. Take precautions to properly protect the newly installed flooring if remaining work by other trades is to be completed. Heavy construction paper covered by plywood sheets is the best method for protecting newly installed resilient flooring.

3. Measuring

Installation inspection such as quantity, color, design, etc. must be checked and confirmed prior to installation. Be sure to use identical LOT numbers if required. LOT shows lot number and lot type. Lot numbers describe the date of production. Lot type described by alphabetic code. Identical lot codes mean identical lot numbers and lot type.

4. Room Temperature

Flooring materials and room temperature must be maintained within 60°F / 75°F (18°C and 25°C) for at least 24 hours before and after the installation.

5. Moisture Testing

Substrates to receive flooring must be free of moisture. For normal concrete substrates, Anhydrous Calcium Chloride Test results must not exceed 3lb / 1000sq ft / 24hours as stated in “resilient flooring installation guide on concrete substrates”.

6. Adhesives

Please refer to adhesive section for more detailed adhesive information or contact your Local Adhesives Sales Representative. Substrate conditions affect a great deal to the overall appearance of LG Hausys DECO Tile and GALLANT Tile. Substrates to receive installation must be clean, completely dry and free of damage.

Substrates : Conditions and Preparation

1. Concrete Substrates

1) Basic Conditions

- ① Any defects found in concrete substrates must be corrected. Newly installed concrete substrates contain excessive moisture residues. Ideal time for the moisture residue to dry completely is 28 days / millimeter (1day / inch). Usually the thickness of the concrete slab is set to 50cm (20”). Moisture dissipation time can depend upon thickness of the slab and other external conditions.
- ② Substrates must be smooth and dry enough to receive resilient flooring.

2) Notice

- ① LG Hausys recommends always performing a calcium chloride test, bond test, and alkali test and documenting the results before installing resilient flooring over concrete.
- ② Do not install LG Hausys flooring over existing resilient flooring that is too heavily embossed, not well adhered to substrate, is dirty with excessive wax build-up, etc. LG Hausys recommends removing existing resilient flooring whenever possible. LG Hausys does not recommend removing flooring and adhesives containing asbestos by sanding, etc. Removing flooring and adhesives containing asbestos should be done by a qualified asbestos abatement company.
- ③ Using chemical compounds or waterproofing treatments on concrete substrates where Alkalinity / hydrostatic pressure is apparent or water permeation is expected shall not be an alternative. Installation must be suspended even though the appropriate action is taken and installation risk be discussed with all appropriate associates.
- ④ Do not install over lightweight concrete or gypsum base that cannot hold 1602kg / m³ (100lb / cubic foot). Before tile installation, reinforce light weight concrete with at least 25mm (1”) thickness light weight concrete according to standard concrete mixing recommendations and consult with a concrete professional.

3) Moisture

Moisture test must be performed for both new and existing concrete before installation. To perform this test, refer to ASTM 1869 “Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride.”

4) New and existing concrete substrates

New and existing concrete subfloors should meet the requirements of the latest edition of ASTM F 710, “Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring.” The concrete subfloor design must also meet and / or exceed both the static and dynamic load requirements for the intended use of the space.

All concrete slabs MUST meet the requirements for *ACI Class 2 or Class 4 floors. All concrete slabs, including lightweight, should have a compressive strength of 24 MPa (3,500 psi) or greater. *ACI 302.1R-96, Guide for Concrete Floor and Slab Construction, PP.5 and 22.

· Note

Regardless, in the event of underlayment failure, the responsibility for warranties and / or performance guarantees is the responsibility of the subfloor subcontractor, not with the manufacturer of the resilient flooring.

5) Aged Concrete Substrates

Concrete substrates must be free of moisture before the installation of resilient flooring. Aged concrete substrates must be free of paint, grease, wax and other foreign materials and it should be leveled. Perform underlayment reinforcement to address damaged or indented area.

6) Painted Concrete

Concrete substrates must be free of paint, grease, wax and other foreign material before installing underpayments or tile.

ASTM test categories that judges condition of substrates are as follows:

[ASTM D 4258 Cleaning test of coating concrete surface](#)

[ASTM D 4259 Abrasion test of concrete surface](#)

[ASTM D 4260 Alkalinity test of concrete surface](#)

[ASTM D 4261 Extension feasibility test of concrete surface](#)

[ASTM D 4262 Erosion PH test of concrete surface](#)

Follow all ASTM guidelines for proper preparation.

7) Existing Resilient Flooring

Installing LG Hausys DECO Tile or Gallant Tile over existing resilient flooring is not recommended.

· Warning

Existing resilient flooring should never be cut, sawn, mechanically mended or corrupted. This operation may cause asbestos or asbestos dust diffusion. Asbestos inhaling may cause serious injury like asbestos pneumonic. Smoking in asbestos dust environment could cause serious lung injury. Check that the removal process is followed under the laws and regulations required by federal, state and local governments. Asbestos removal must be performed by asbestos specialty professionals who are properly trained and possess all required licenses.

· Warning | Adhesive Removal

Once resilient flooring is removed, soluble asphalt adhesives are

commonly found which are not easily recognizable. When it is uncertain whether asbestos residue is present, you must treat it as if does contain asbestos. Asbestos inhalation may cause serious injury such as asbestos pneumonic. Smoking where asbestos dust is present could also cause serious lung injury. Suspend the operation immediately if asbestos contamination is uncertain and consult with an asbestos removal professional.

· Warning

Do not sand, dry scrape, dry sweep, saw, drill, bead blast, or mechanically chip or pulverize in any way existing resilient flooring, backing, lining felt, as phallic “CUTBACK” adhesives or any other adhesives. They may contain asbestos.

8) Curing and Parting Compounds

Curing and parting compounds on concrete substrates where resilient flooring will be installed may damage adhesion resulting in installation failure.

“Curing compounds leave a film that can interfere with the adhesion of other materials to the treated surface; Their use should be avoided on surfaces that will later be covered with resilient floor coverings. Where applicable, a letter of compatibility should be issued prior to the use of a curing compound on a floor receiving a subsequent finish.” American Concrete Institute, ACI, publication 302.1R-96, “Guide for Concrete Floor and Slab Construction.”

Letter of compatibility must come from the manufacturer of the compound.

9) Gypsum Based Underlayments

Gypsum base underlayments and substrate leveling compounds are utilized for noise and fire proof purposes. Responsibility of underlayment compound use is attributed to underlayment manufacturer.

10) Floor Fills / Toppings

Resin-reinforced self-leveling cement underlayments, cellular concretes, and gypsum based products are recommended by their manufacturers for use as floor fills and / or toppings.

· Note

All recommendations and guarantees regarding the suitability of these products and their performance as underlayments for resilient floor coverings are the responsibility of the manufacturer and the installer of the underlayment system being used.

· Warning

Latex patching reinforcement will not prevent moisture permeation through concrete slabs.

Installation Guide

Tile (LVT / VCT)

11) Latex Patching Procedures

Follow directions given by the latex underlayment manufacturer. Refer to the following guidelines:

- ① Materials that might hinder the adhesive curing such as concrete residues, gypsum residues, powder, oil, grease, dust, paint and other foreign materials must be removed in advance.
- ② Creased concrete and concrete debris must be leveled through grinding process.
- ③ Use of emulsification during surface leveling work may decrease strength of adhesives. Consult with relevant manufacturer in advance.
- ④ Use soap solution and clean water to remove dirt. Flooring must be clean and free of moisture.
- ⑤ All holes and indented areas must be mended before underlayment operation begins.
- ⑥ When underlayment operation is conducted, consult and use only the recommended products from latex substrates manufacturer.
- ⑦ Permeability of underlayments will not be efficient for corn built concrete, ceramic, and terrazzo. For more information, refer to the underlayment manufacturer's technical guide.
- ⑧ Do not conduct latex patching underlayment below 10°C (50°F). Do not expose to sun directly.
- ⑨ Neutralize acid or alkali compounds on the subfloor before conducting the installation

12) Radiant Heated Floors

Radiant heated floors must be secure and underground beneath the concrete subfloor. Resilient flooring must be stored and installed at temperature that does not exceed 29.4°C(85°F). If the existing floor is a radiant heated floor, a moisture preventive panel between the underground radiant heating device and the substrate must be pre-installed to block moisture evaporation. Keep the radiant heated floor free from traffic for at least 48 hours and keep the same temperature before and after the installation. Temperature from the radiant heat may be increased gradually. For adhesives, use Urethane based adhesives (Ultrabond G-19, Ultrabond G-21). For more information regarding Urethane adhesives, refer to adhesive section in this manual or technical guides provided from manufacturer.

Caution

If resilient flooring is installed on concrete slab where hot water pipe(s) are under-ground which is operated by the buildings central heating system, this may cause discoloration of the resilient flooring. The responsibility of this matter is borne by the end user. Caution: Keep radiant flooring temperature below 29.4°C (85°F) at all times.

13) Extension Joints

Extension joints are inserted for the purpose of concrete crack prevention when subfloor slab is moving. Extension joints insertion right underneath LG Hausys resilient flooring may cause failure of installation.

2. Wood Substrates

1) General Information

Wood substrates must be constructed with at least 45.72 cm (18 inches) of well-ventilated air space underneath. Installing resilient flooring on sleepers over concrete is not recommended. For recommended grades of plywood performance, refer to the APA - The Engineered Wood Association.

2) Caution

Do not install resilient flooring over:

- ① Eroded or wet areas.
- ② To nailed slab or adhesive secured plywood or concrete floors (sleepers).
- ③ Over fireproof plywood.
- ④ To crooked floors or vibration sensed floorings.

3) Panel Substrates

APA panels guarantee continuous product quality. Receive written descriptions and related documents from the APA for successful panel construction. Do not install LG Hausys tile flooring over OSB or Luan.

4) Other Information

Old terrazzo, sealer, wax, oil dirt must be cleaned and removed thoroughly. Heavily worn out areas must be reinforced. Consult with the underlayment manufacturer for surface treatment.

5) Over Existing Resilient Flooring

Do not install over plank tile on concrete gypsum or cushion vinyl products and DIY Tile. Remove chemical compounds, wax, oil, dirt completely and moisture test must be taken as well.

Installation Guide

Woven Tile flooring

Storage-handling

1. Storage

- When storing products at warehouse, maintain appropriate temperature [18–25°C, 64–77°F] and store products on a flat surface. Careful attention should be paid to the possibility of Tiles falling down. Secure completely to prevent accidents.
- Do not expose products to direct sunlight and moisture (water). Store them at a place not affected by rain or snow.

2. Movement & Handling

- Material is heavy! Use a forklift for movement or loading / unloading.
- When moving products with a forklift, make sure that product is not damaged by the forks.
- When handling the product, make sure not to damage the corners of the product.

Installation

⚠ Caution

Recommended area for installation of Woven Tile is where the flooring is well-controlled regarding dust, soil, snow, and moisture.

1. Preparation Before Installation

- Remove existing flooring. (When removal is undertaken, make sure that all applicable local, state, and federal regulations are observed.)

⚠ Caution

Do not sand, dry scrape, beadblast, or mechanically pulverize existing flooring, backing or lining felt, or asphalt adhesive. These may contain asbestos fibers or crystal silica (silex). Do not create asbestos dust because such asbestos fibers or crystal silica may cause asbestosis or other serious respiratory diseases. Smoking greatly increases the risk of serious bodily harm when airborne asbestos particles are breathed. It is necessary to determine whether those products contain such asbestos fibers.

- Dry the subfloor to get the moisture content of below 5%.
- The temperature should not be below 10°C[55°F] and the recommended relative humidity inside the room should be between 35% and 65%
- Clean the subfloor. Remove traces of dust, stains, paint, oil, grease, asphalt, varnish, wax, adhesive, and other contaminants.
- Any cracks, grooves, holes, and depressions should be leveled. Use a cementitious leveling agent.

2. Precautions

- Flooring materials and adhesives ideally should be maintained at a temperature between 18°C(64°F) and 25°C(77°F) for at least 48 hours before and after installation.
- Be sure to store flooring materials on a flat surface.
- In case Woven Tiles have been stored at cold temperature, make sure to place the tiles at the installation site overnight for conditioning. It is recommended to take the tiles out from the boxes and to condition at a room temperature.
- Suitability for installation of new Woven Tiles over existing flooring rests solely with the installer.

⚠ Caution

Claims against warranty for color or other obvious product defects will be considered only if the flooring has not yet been permanently installed.

3. Identification of Flooring Products & Tools needed

- If installation requires more than one box of Woven Tile, be sure to select those with successive box numbers with the same lot number.
- Examine the installation site to determine how many tiles are needed for installation

· Tools needed

- Chalk and pencil
- Ruler and measuring tape
- Stanly knife or Hook knife and straight-edge level for cutting
- Grooved spatula for glue
- 80kg(176 lb) smooth roller
- Adhesive designed for vinyl flooring

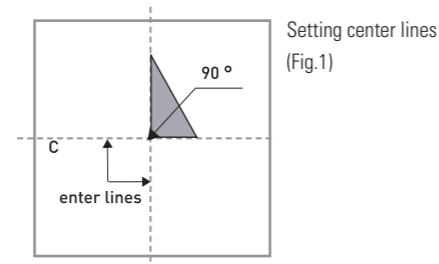
4. Primary Installation

- Before installing any tiles, set 'center lines' at the center of the room.

4-1. Drawing Center Lines.

- For the best result, it is recommended to set the crossing point as in Fig. 1 below.

The purposes of these center lines are, first, to optimize the number of tiles to be installed, and second, to make size of the tiles installed at the edge of the room to be larger in order to minimize waste.



4-2. Spreading The Adhesive[Glue]

- Be sure to allow appropriate open time before installation. Open time means the period of time after an adhesive has been applied until it shows strongest adhesive strength.

- Length of open time may vary depending on environmental condition of installation site, subfloor's porosity, etc. Make sure to refer to the guide/technical data provided by the adhesive producer for optimum open time and any other information needed.

- Excess or inadequate open time may result in decreased adhesive strength.

- Once the center lines are set, you will find the room divided into 4 parts along the center lines. Decide where to start and spread the adhesive to one side(1/4).
- Spread the adhesive(glue) to a proper area considering the pot life and work speed.
- Be sure to use the designated spatula (hera) for spreading the adhesive(glue).

5. Positioning the Tiles

Position the tiles on the floor complying with following rules.

- Starting from the corner on the center line, proceed to install the tiles following 'step method'. (See Fig. 2) As you can see in Fig. 2, position the tiles in order forming L-shape.

- If you do not use the step method when securing the tiles, they may not align properly and could thus lead to gaps or openings in the seams which are not due to inconsistent tile measurements.

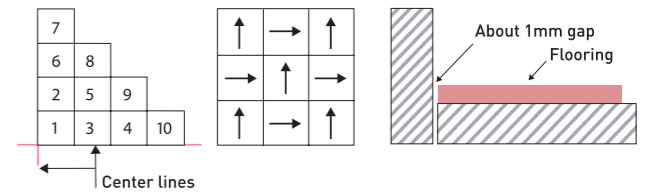
- While following the 'step method', at the same time, set the direction of the tiles to be quarter turned. (See Fig. 3)

- Quarter Turn : This method create a checkboard pattern ensuring a unique look. All Woven Tiles must follow quarter turn method during installation in order to prevent color centralization.

On the back side of each tile, there is an arrow to make this process easier.

⚠ Caution

As with all woven floorings, subtle differences in color and gloss level may appear due to woven product's natural weaved structure.



Step Method (Fig. 2) Quarter Turn(Fig. 3) Wall side cutting(Fig. 4)

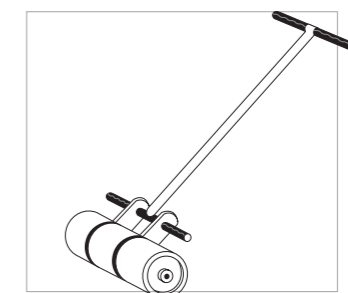
- While installing and after installation, press the edges of the product fully with hands and feet in order to prevent heave.
- For the tiles adjacent to walls, cut the tiles about 1mm short from the wall so that tiles can be laid naturally. Do not lay the tiles by force. (See Fig. 4)
- For the tiles on the wall side, repeatedly apply full pressure for the best result.

⚠ Caution

Woven Flooring is made of woven textile layer(non-print type), thus it is natural to have varying spaces between threads. Color of textile and threads may vary depending on the viewer's angle. Also, it may have shade variations within the fabric due to the natural woven structural differences. As with all woven floorings, it may have subtle differences in color and in gloss level even in the same patterns.

6. Installation

- Install part by part in the same way as mentioned above.
- When installation is completed, be sure to press the whole area using a roller heavier than 80kg(176lbs.) in order to avoid defects caused by air bubbles and incompleteness of bonding. (See Fig. 5)



176lbs. Roller (Fig. 5)

7. Finishing & Miscellaneous

- Sweep the floor.
- Remove all trash and scraps.
- Wait 48 hours after installation before cleaning the floor. Remove any stained materials with a damp mop.
- Move furniture or other objects into the newly installed area 72 hours after installation.
- Castors on office chairs, rolling cabinets and trolleys should have soft edged wheels.

Installation Guide

DECORIGID / DECOCLICK

1. General information

These installation guidelines apply to the DECORIGID/DECOCLICK product only. All instructions and recommendations should be followed for a satisfactory installation.

- The floor covering should be stored and installed in a climate controlled location under an average temperature between 65°-85°F(18°-29°C).
- Acclimatize material for a minimum time of 24 hours prior to installation in the room/location where the installation will take place.
- Do not store directly on concrete, allow for air circulation. Do not open the cartons but spread them out and protect corners from damage.
- Failure to follow these guidelines may result in an installation failure (i.e. flooring may expand or contract, resulting in gapping). DECORIGID is an interior product and must be installed in a temperature controlled environment, maintained between 65 and 85°F(18°-29°C). Please keep in mind a concrete floor can be up to ten degrees colder than the actual room temperature.
- Avoid exposure to direct sunlight for prolonged periods; such exposure may result in discoloration, and excessive temperatures can cause the flooring to expand and lift off of the subfloor. During peak sunlight hours, the use of drapes or blinds is recommended. Flooring surface should not exceed 85°F(29°C).
- Regardless of new construction or remodeling projects, keep flooring stored in rooms that are not being worked in and only install product after all other trades have completed work that could damage the flooring.
- To minimize shade variation, mix and install planks from several cartons.
- Inspect all planks for damage before installing. If you have any concerns about the product fit or finish, visit www.lghausys.com or contact your sales representative. Claims will not be accepted for flooring that has been cut to size and/or installed.
- All subfloor patching must be done with a Portland based compound and allowed to dry completely prior to installing flooring.
- Installation – This product can be installed on, above or below grade.
- DECORIGID, LG Hausys's patented locking technology, is water/moisture resistant and reliably secures the flooring panels

on all four sides. However, excessive moisture in the subfloor could promote mold, mildew, and other moisture related issues by the trapping of moisture emissions under the flooring, which may contribute to an unhealthy indoor environment.

- LG Hausys does not warrant nor is responsible for damage to floor covering due to moisture related issues.

· Tools

Tape measure, Utility Knife, tapping block, pull bar ¼" Spacers, T-Spacers, Safety Glasses, Broom or Vacuum and if necessary tools for subfloor repair.

2. Subfloor information

All subfloors must be clean, flat, dry and structurally sound. The correct preparation of the subfloor is a major part of a successful installation. Roughness or unevenness of the subfloor may telegraph through the new floor covering, resulting in an unsightly surface and may cause excessive wear on high spots.

Subfloor should be flat to within 3/16" in 10'(5mm in 3m) or 1/8" in 6'(3mm in 1.8m).'

⚠ Caution

Some types of nails, such as common steel nails, may cause discoloration of the vinyl floor covering.

Recommendations for attaching underlayment panels are not included. Solvent based construction adhesives are known to stain vinyl floor coverings. All responsibility for discoloration problems caused by the use of the above mentioned products is not the responsibility of LG Hausys, but rests with the installer and the underlayment panel manufacturer.

A. Wood Subfloors

1. Do not install material over wood subfloors that lay directly on concrete or over dimensional lumber or plywood used over concrete.
2. Do not apply sheet plastic over subfloors.
3. Basements and crawl spaces must be dry. Use of a 6 mm black polyethylene is required to cover 100% of the crawl space earth. Crawl space clearance from ground to underside of joist should be no less than 18"(457.2mm) and perimeter vent spacing should be equal to 1.5% of the total square footage of the crawl space area to provide cross ventilation. Where necessary, local regulations prevail.
4. All other subfloors – plywood, OSB, particleboard, chipboard, water board, etc. must be structurally sound and must be installed following their manufacturer's recommendations. Local building codes may only establish minimum requirements of the flooring system and may not provide adequate rigidity and support for

proper installation and performance.

5. If the surface of the wood subfloor is not smooth, a 1/4"(6mm) underlayment panel must be installed over the subfloor, per the underlayment manufacturer's written instructions.
6. DECORIGID resilient flooring is not recommended directly over fire-retardant treated plywood or preservative treated plywood. An additional layer of APA rated 1/4"(6mm) thick underlayment should be installed.

B. Concrete Subfloors

1. New and existing concrete subfloors should meet the requirements of the latest edition of ASTM F 710, "Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring" is available on the ASTM International website <http://www.astm.org>
2. Floors shall be smooth, permanently dry, clean, and free from all foreign material such as dust, wax, solvents, paint, grease, oils, and old adhesive residue. The surface must be hard and dense, and free from powder or flaking.
3. New concrete slabs must be dry. Maximum moisture level per CaCl is 8 lbs. Per 1,000 in 24hr.
4. Do not install over concrete with a history of high moisture or hydrostatic conditions.
5. Maximum acceptable ph level of 9 or less.
6. The final responsibility for determining if the concrete is dry enough for installation of the flooring lies with the floor covering installer.
7. Holes, grooves, expansion joints and other depressions must be filled with a Portland based patching and leveling product, and troweled smooth and feathered even with the surrounding surface.

· Radiant Heat

Radiant heat components must have a minimum of 1/2"(12.5mm) separation from the product. This is the only type of radiant heat system that is approved. Radiant heat system must be on and operational for at least 2 weeks prior to installation to reduce residual moisture within the concrete. Three days prior to installation lower the temperature to 65°F(18°C), after installation gradually increase the temperature by increments of 5°C to avoid overheating. Maximum operating temperature should never exceed 85°F(29°C). Use of an in-floor temperature sensor is recommended to avoid overheating.

· Warning

Do not sand, dry sweep, dry scrape, drill, saw, bead blast or mechanically chip or pulverize existing resilient flooring, backing, lining felt, asphaltic "CUTBACK" adhesives or other adhesives.

These products may contain either asbestos fibres and/or crystalline silica. Avoid creating dust. Inhalation of such dust is a cancer and respiratory tract hazard. Smoking by individuals exposed to asbestos fibres greatly increases the risk of serious bodily harm. Unless positively certain that the product is a non-asbestos-containing material, you must presume it contains asbestos. Regulations may require that the material be tested to determine asbestos content and may govern the removal and disposal of material. See current edition of the Resilient Floor Covering Institute (RFCI) publication Recommended Work Practices for Removal of Resilient Floor Coverings for detailed information and instructions on removing all resilient covering structures. For current information go to www.rfci.com

C. Existing Floor Coverings

- DECORIGID/DECOCLICK flooring can be installed over most existing hard-surface floor coverings, provided that the existing floor surface is clean, flat, dry and structurally sound.
- Quarry tile, terrazzo and ceramic tile – Use caution with highly embossed tile. This type of tile plus grout joints should be filled with a high quality cementations patching product.
- When the removal of the existing resilient floor covering is not an option then it must be covered with an embossing leveling compound or an equivalent in order to provide a smooth subfloor surface. Otherwise, telegraphing may occur.
- Existing sheet vinyl floors should not be heavily cushioned and not exceed more than one layer in thickness. Soft underlayment and soft substrates will diminish DECORIGID's inherent strength in resisting indentations.
- Installation is NOT allowed over any type of carpet.
- Never use solvents or citrus adhesive removers to remove old adhesive residue. Solvent residue left in and on the subfloor may affect the new floor covering.

3. Installation

DECORIGID plank flooring is designed to be installed utilizing the floating method only. Never secure the planks to the subfloor. Do not install cabinets or fixed objects on top of the flooring. Proper expansion space is required. Undercut all doorjamb. Do not fasten wall moldings and or transition strips to the planks.

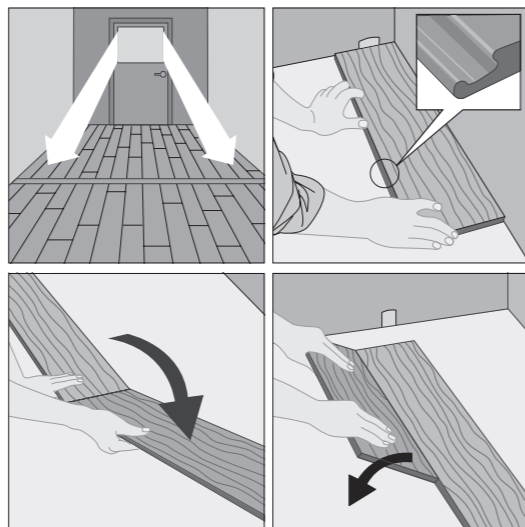
1. Before you start with the installation, it is important to determine the layout of the flooring. Proper planning and layout will prevent having narrow plank widths at wall junctures or very short length pieces at the end of rows.

Installation Guide

DECORIGID / DECOCLICK

- As with all plank products, install the planks parallel to the longest exterior wall.
- Determine if the starter row will need to be cut. If the first row of planks does not need to be trimmed in width, it will be necessary to cut off the unsupported tongue so that a clean, solid edge shows towards the wall.
- Installation of the product must start from the left side of the room, working to the right when working in front of the planks or facing the starting wall.
- Install the second plank in the row by angling the end tongue into the end groove of the first plank. Be careful not to bend the corner of the plank. Maintain an expansion gap of approximately 5/16" (8mm) from the wall. Start the second row by cutting a plank to the desired length. Keep in mind that the plank must not be shorter than 6" (15cm) keep constant to achieve the best appearance.
- Install the first plank in the second row by inserting the long side tongue into the groove of the plank in the first row. This is best done with a low angle of the plank. Maintain pressure into the side seam as you rotate the plank to the subfloor. Install the second plank in the second row by inserting the short end tongue into the previously installed plank groove. Align the plank so that the long side tongue tip is positioned just over the groove lip of the plank in the first row. Working from the end seam, at a low angle, insert the long tongue into the groove of the adjoining plank. Very little force is required to seat the tongue into the groove. You should feel the tongue lock into the groove.
- Work across the length of the room installing planks along the wall in the first row and then aligning the planks in the second row. It is critical to keep these two rows straight and square, as they are the "foundation" for the rest of the installation. Check squareness and straightness often.
- Cut the last plank in the first row and leave an expansion gap of around 5/16" (8mm). Planks may be cut with a Utility Knife using the "score and snap" technique. The leftover of this plank may be used to start the third row if it's a minimum 6" (15cm) long.
- Continue installing planks and make sure to achieve a random appearance with end pieces of minimum 6" (15cm). Check that all planks are fully engaged; if a slight gapping is found, the gap can be tapped together by using a tapping block and a scrap of flooring to cover the tapping block in order to avoid damages on the planks.
- The maximum area that can be installed without an expansion joint is 10m x 20m.
A section length of approximately longer than 12.5m should be installed expansion joint.
If the temperature while using is higher than the temperature when

- installing, should apply a little smaller area and shorter length than usual for the standard of expansion joint.
- When fitting under door casings, etc. the flexibility and convenient connection of DECORIGID becomes evident. If necessary, a flat pull bar may be used to assist in locking the planks.
- When fitting around obstacles or into irregular spaces, planks can be cut easily and cleanly using a Utility Knife with a sharp blade. It is often beneficial to make a cardboard template of the area and transfer this pattern to the plank.
- Protect all exposed edges of the flooring by installing wall molding and/or transition strips. Make sure that no plank will be secured in any way to the sub floor.
- Protect the finished flooring from exposure to direct sunlight.



4. Repairs

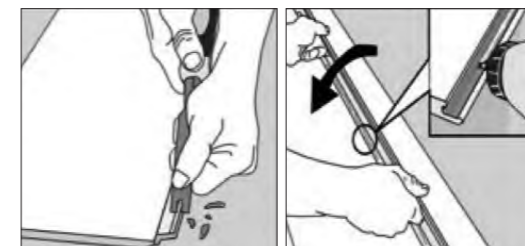
- DECORIGID plank flooring is tough and durable; however, if a plank becomes damaged, it can be replaced. If the damaged plank is along the perimeter of the room, the easiest technique is to disconnect the planks until the damaged plank is removed. Replace the plank and reassemble the planks. If it is impractical to disconnect and reassemble the flooring, the following procedure should be followed:
- It's recommended to use painters tape along the sides of the board to be replaced to prevent damage to the adjoining boards.
- Using a Utility Knife, cut through the center of the damaged plank, running the length of the plank.

- Carefully remove cut pieces from the insert. You can use a Utility Knife to remove the pieces from the floor. Clean up any debris from opening area.
- To prepare replacement plank. Cut and remove tongue from the long side and the short end of the plank. This can be accomplished by using a Utility Knife.
- Using a Utility Knife, remove approximately 1.5" (38mm) of the groove on the long side of the plank from the tongue end.
- Apply a small bead of seam sealer or use an Ethyl Cyanoacrylate adhesive (super glue) to the groove of the boards in the floor.
- Insert replacement plank, locking the long side joint (groove side) into the existing floor.

- Note

The tongue end of the replacement plank will overlap the existing floor prior to being fully inserted.

- Using a scrap piece of plank as a tapping device, tap the groove end into place. Insert the blade of a Utility Knife on the opposite side to lift and adjust the end as it is being tapped into place.
- Place a weight on the plank until the adhesive sets. (LG Hausys recommends minimum 6-8 hours).



Installation Guide

DECOLAY

1. Test before starting installations

All substrates to receive moisture sensitive floor covering must be tested for moisture.

CONCRETE SUBSTRATES:

All substrates to receive moisture sensitive floor covering must be tested for moisture.

- Calcium Chloride – Tests must be performed per the latest edition of ASTM F 1869 and shall not exceed 8lb. per 1000 sf in 24 hrs.
- Internal Relative Humidity RH – Test must be performed per the latest edition of ASTM F 2170 and shall not exceed 85%.
 - a. Substrates shall be smooth, structurally sound, permanently dry, clean and free of all foreign material such as dust, solvents, grease, oils, old adhesive residue.
 - b. Concrete floors shall be flat and smooth within 1/8” in 10 feet.
 - c. F-Number System: Overall values of FF 36/ FL 20 may be appropriate for resilient floor coverings.
 - d. ASTM 1869 - Three calcium chloride tests should be conducted for areas up to 1000 ft2. One additional test required per additional 1000 ft2.
 - e. ASTM 2170 - IRH (Internal Relative Humidity Test), three tests should be conducted for areas up to 1000 ft2. One additional test, for each additional 1000 ft2.
 - f. Moisture vapor emission rate may not exceed 8 lb. /1000 ft2/24 hours or 85% using a rh test.

Use only Portland based patching and leveling compounds. Do not install resilient flooring over gypsum based patching and/or leveling compounds.

LIGHTWEIGHT CONCRETE:

Internal Relative Humidity – Tests must be performed per the latest edition of ASTM F 2170.

- a. Three internal relative humidity tests should be conducted for areas up to 1000 ft2. One additional test, for each additional 1000 ft2.
- b. Internal relative humidity rate may not exceed 85%. Per ASTM F 710.
- c. Surface must be dry, clean, smooth, free of all dust, and structurally sound

WOOD SUBSTRATES:

A moisture test is required using a pin-type moisture meter. The maximum allowable moisture content must not exceed 15%.

- a. Wood subfloors must be structurally sound and in compliance with local building codes.
- b. Wood subfloors should be suspended with a minimum of 18” of well ventilated air space below.

- c. Crawl spaces must have a vapor retarder covering the ground.
- d. Wood subfloors directly fastened to concrete, or sleeper construction, are not recommended.
- e. APA rated Sturdi-I-Floor panels are designed as combination subfloor/underlayment, but exposure to construction conditions including weather may necessitate installation of a 1/4” underlayment panel prior to resilient flooring installation.
- f. Resilient flooring is not recommended directly over fire-retardant treated plywood or preservative treated plywood. The materials used to treat the plywood may cause problems with adhesive bonding. An additional layer of APA rated 1/4” thick underlayment should be installed.

TEMPERATURE - AMBIENT:

Controlled environments are critical. Fully functional HVAC systems are the best way to ensure temperature and humidity control.

- Do not install resilient flooring products until the work area can be temperature controlled.
- Minimum installation temperature is 65°F with a maximum installation temperature of 85°F.

TEMPERATURE – RADIANT HEAT:

Radiant heated substrates must not exceed 85°F (29°C) surface temperature.

- Several days prior to installing resilient products over newly constructed radiant heated systems, make sure the radiant system has been on and operating at maximum temperature to reduce residual moisture within the concrete.
- Three days prior to installation lower the temperature to 65 degrees, 24 hours after installation gradually increase the temperature in increments of 5° F to avoid overheating.
- After continuous operation of the radiant system, ensure the surface of the floor does not exceed 85oF.
- Radiant heat components must be a minimum of ½” separated from the DECOLAY Plank.
- Use of an in-floor temperature sensor is recommended to avoid overheating.

PH:

Concrete floors must be tested per the latest edition of ASTM F 710.

- PH reading must not exceed 10.0.
- Readings below 7.0 and in excess of 10.0 affect resilient flooring and adhesives.
- Rinsing the surface with clear water is the best way to lower alkalinity. “DAMP MOP”

· Note

It may not be the floor covering installer’s responsibility to conduct

the tests. It is, however, the floor covering installer’s responsibility to make sure these tests have been conducted and that the results are acceptable prior to installing the floor covering. When moisture tests are conducted, it indicates the conditions only at the time of the test.

2. Job site conditions

- a. It is recommended that resilient floor covering installation shall not begin until all other trades are completed.
- b. Areas to receive flooring shall be clean, fully enclosed, with the permanent HVAC set at a uniform temperature range of 65oF to 85oF and maintained following the installation.
- c. Areas to receive flooring should be adequately lighted during all phases of the installation process.
- d. Floors shall be smooth, permanently dry, clean and free of all foreign material such as dust,, solvents, grease, oils, old adhesive residue, .

3. Material storage and handling

- a. All tile and planks must be stored in a warm dry area. Do not expose to very hot or cold temperatures. The material must be stored laying flat and cartons never on edge.
- b. Check to make sure color and lot numbers are the same on jobs requiring multiple cartons of tile or plank.
- c. Flooring material must be acclimated to the installation area at a minimum temperature of 65 degrees Fahrenheit and maximum temperature of 85degrees Fahrenheit for a minimum of 24 to 48 hours prior to installation.
- d. Store cartons of tile or plank products flat and squarely on top of one another. Preferably, locate material in the “center” of the installation area (i.e. away from vents, direct sunlight, etc.)

4. Substrates

All substrates to receive resilient flooring shall be dry, clean, smooth, and structurally sound.

WOOD SUBSTRATES

- a. Must be sturdy, flat and have minimal deflection.
- b. OSB is approved. It must be sturdy, flat and have minimal deflection. All other wood subfloors, i.e. particle board, wafer board, chipboard, etc. are approved but must be sturdy, flat and have minimal deflection.
- c. Do not install over sleeper construction subfloors or wood subfloors applied directly over concrete.
- d. Underlayment panels can only correct minor deficiencies in the sub-floor while providing a smooth, sound surface on which to

adhere the resilient flooring.

- e. Any failure in the performance of the underlayment panel rests with the panel manufacturer.
- f. It is recommended that your chosen APA underlayment grade panels be designed for installation under resilient flooring and carry a written warranty covering replacement of the entire flooring system.
- g. Always follow the underlayment manufacturer’s installation instructions.
- h. Do not install over existing wood flooring.

CONCRETE

- a. New or existing concrete subfloors must meet the guidelines of the latest edition of ACI 302 and ASTM F 710, “Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring”.
- b. On or below-grade slabs must have an effective vapor retarder directly under the slab.
- c. Wet curing 7 days is the preferred method for curing new concrete.
- d. Remove curing compounds 28 days after placement, so concrete can begin drying.
- e. Concrete floors shall be flat 1/8” in 10 ft.
- f. F-Number System: Overall values of FF 36/ FL 20 may be appropriate for resilient floor coverings.
- g. Any large cracks or voids must be filled with a cementitious patching compound.

LIGHTWEIGHT CONCRETE

All recommendations and guarantees as to the suitability and performance of lightweight concrete under resilient flooring are the responsibility of the lightweight concrete manufacturer. The installer of the lightweight product may be required to be authorized or certified by the manufacturer. Correct on- site mixing ratios and properly functioning pumping equipment are critical. To ensure proper mixture, slump testing is recommended.

- a. Lightweight aggregate concretes having densities greater than 90 lbs. per cubic foot may be acceptable under resilient flooring.
- b. Concrete slabs with heavy static and/or dynamic loads should be designed with higher strengths and densities to accommodate such loads
- c. Surface must be permanently dry, clean, smooth, and free of all dust and structurally sound.

· Warning

DO not sand, dry sweep, dry scrape, drill, saw, beadblast or mechanically chip or pulverize existing resilient flooring, backing, lining felt, asphaltic “cutback” adhesives or other adhesives.

These products may contain either asbestos fibers and/or crystalline

Installation Guide

DECOLAY

silica. Avoid creating dust. Inhalation of such dust is a cancer and respiratory tract hazard. Smoking by individuals exposed to asbestos fibers greatly increases the risk of serious bodily harm.

Unless positively certain that the product is a non-asbestos-containing material, you must presume it contains asbestos. Regulations may require that the material be tested to determine asbestos content and may govern the removal and disposal of material.

See current edition of the Resilient Floor Covering Institute (RFCI) publication Recommended Work Practices for Removal of Resilient Floor Coverings for detailed information and instructions on removing all resilient covering structures. For current information go to www.rfci.com

RESILIENT FLOOR COVERING

- Must be single layered, non-cushion backed, fully adhered, and smooth.
- Show no signs of moisture or alkaline.
- Waxes, polishes, grease, and grime must be removed.
- Cuts, cracks, gouges, dents and other irregularities in the existing floor covering must be repaired or replaced.
- On heavily embossed resilient floors an embossing leveler may be needed to prevent telegraphing.

- Note

The responsibility of determining if the existing flooring is suitable to be installed over rests solely with installer/flooring contractor on site. If there is any doubt as to suitability, the existing flooring should be removed or an acceptable underlayment installed over it. Installations over existing resilient flooring may be more susceptible to indentation.

POURED FLOORS (Epoxy, Polymeric, Seamless)

- Must be totally cured and well bonded to the concrete.
- Must be free of any residual solvents and petroleum derivatives.
- Waxes, polishes, grease, and grime must be removed.
- Cuts, cracks, gouges, dents and other irregularities in the existing floor covering must be repaired or replaced.
- Texture must be smooth.
- Show no signs of moisture or alkaline.

CERAMIC TILE

- Use caution with highly embossed tile. This type of tile plus grout joints should be filled with a high quality cementitious patching/leveling product.

OLD ADHESIVE RESIDUE

- If the adhesive residue is asphalt-based (cut-back) or any other type of adhesive is present, it must be dealt with in one of two ways:
 - It may be mechanically removed such as: bead blasting or scarifying;

- A self – leveling Portland based underlayment may be applied over it. Check with the underlayment manufacturer for suitability, application instructions and warranties.
- Never use solvents or citrus adhesive removers to remove old adhesive residue. Solvent residue left in and on the sub-floor may affect the new floor covering.

5. Installation of DECOLAY tile

- Material should always be visually inspected prior to installation. Any material installed with visual defects will not be considered a legitimate claim as it pertains to labor cost.
- When installing DECOLAY plank products you should mix planks from several cartons to blend minor shade variations.
- Flooring and subfloor room temperature should be between 65 and 85 Fahrenheit. Maintain proper
- temperature for 48 hours before and after installation. After that maintain a minimum 55-degree temperature. The building's heating and air-conditioning system should be turned on at least one week before installation. Failure to follow these guidelines may result in an installation failure. (i.e. flooring may expand or contract resulting in gapping)
- DECOLAY plank should be installed tight to the wall. If this cannot be accomplished you will need to secure the planks to the floor around the edges using adhesive LAYOUT OF THE ROOM

Before laying out the floor, check the wall you are starting from and make sure it is square to the opposite wall (planks should run lengthwise against the longest wall, and if possible, parallel to incoming sunlight). Simply measure the room from opposite ends of the wall to the far wall. If the measurements are different you can make adjustments on the first row of DECOLAY by scribing the plank on the over edge. As with all plank products it is best to start along the longest exterior wall.

The width of the first row of planks should be approximately the same width as the last row. This may require cutting the first row plank to a shorter width. Measure across the room in inches and divide by the width of a plank to see how many full width planks will be used and what size width will be needed for the last row. The last row should never be less than 2" in width.

Lay the first row of planks out to determine if you need to adjust the length of the first plank to avoid a small piece of less than 6" on the opposite wall from where you started. When installing the plank, it is required to stagger the rows so that the end joint seams are a minimum 6" apart and the seams are not in a straight uniform line. We recommend the staggered random method.

Installation should start in a corner and proceed from that corner working across the room making sure to that your end pieces against the wall are a minimum of 6 inches and staggering the end joints a

minimum of 6 inches. The planks must be installed tight against the walls throughout the entire installation (if this cannot be achieved use an approved lvt adhesive or a suitable DS/PS tape.).

FITTING THE BORDER:

Measure the distance from the last plank in the row to the wall. Mark the plank and cut it against the mark. Lay the plank in place, making sure that the cut edge is against the wall.

Fitting Around Irregular Objects: Make a pattern out of heavy paper to fit around pipes and other irregularities. Place the pattern on the plank, trace cutting along the trace lines

6. Maintenance

To prevent indentation we recommend that you put protective non-staining pads on the legs of heavy furniture (pianos, chairs, tables etc.). Also if you have furniture with rolling casters, the casters need to be a minimum of 2" diameter. In areas that there will be heavy rolling loads or where casters are not 2" you may need to apply an adhesive or double face/pressure sensitive tape under the planks to prevent the planks from gapping.

Packing Information

Tile

Sheet

PROD-UCT	SPEC			BOX			PALLET					MOQ		Container	
	Thick-ness	Width	Length	Packing		Weight (Kg/Box)	Packing		Pallet Spec			(m ² /Color)	(Pallet/Color)	Loading	
				(EA/Box)	(m ² /Box)		(BOX/Pallet)	(m ² /Pallet)	L	W	H			(Pallet/Cntr)	(m ² /Cntr)
Decotile	2.0	450	450	24	4.86	19.7	52	252.7	1,000	1,000	147	758	3	18	4,549
	2.0	180	920	30	4.97	20.1	50	248.4	1,000	1,000	147	745	3	18	4,471
	2.5	150	920	30	4.14	20.4	48	198.7	1,000	1,000	147	596	3	20	3,974
	2.5	180	920	24	3.97	19.6	50	198.7	1,000	1,000	147	596	3	20	3,974
	2.5	150	1,200	22	3.96	19.5	60	237.6	1,260	1,000	147	713	3	16	3,802
	2.5	180	1,200	18	3.89	19.2	60	233.3	1,260	1,000	147	700	3	16	3,732
	2.5	300	600	22	3.96	19.5	72	285.1	1,260	1,000	147	855	3	14	3,992
	2.5	600	600	17	6.12	30.0	30	183.6	640	1,280	143	551	3	18	3,305
	2.5	450	450	19	3.85	19.0	52	200.1	1,000	1,000	147	600	3	18	3,601
	3.0	150	920	24	3.31	19.9	48	159.0	1,000	1,000	147	636	4	18	2,862
	3.0	150	1,200	18	3.24	19.5	60	194.4	1,260	1,000	147	778	4	16	3,110
	3.0	180	920	20	3.31	19.9	50	165.6	1,000	1,000	147	662	4	18	2,981
	3.0	180	1,200	15	3.24	19.5	60	194.4	1,260	1,000	147	778	4	16	3,110
	3.0	228.6	1,523	10	3.48	20.9	60	208.8	1,600	1,000	147	835	4	18	3,758
	3.0	450	450	16	3.24	19.5	52	168.5	1,000	1,000	147	674	4	18	3,033
	3.0	600	600	14	5.04	30.2	30	151.2	640	1,280	143	605	4	18	2,722
3.0	300	600	18	3.24	19.5	72	233.3	1,260	1,000	147	933	4	14	3,266	
PRESTG	5.0	600	600	5	1.80	16.2	50	90.0	640	1,280	143	450	5	18	1,620
	5.0	228.6	1,523	6	2.09	18.8	60	125.3	1,600	1,000	147	627	5	18	2,256
DECOLAY	5.0	180	1,200	8	1.73	15.6	70	121.0	1,260	1,000	147	605	5	16	1,935
	5.0	300	600	11	1.98	18.8	72	142.6	1,260	1,110	147	713	5	14	1,996
	5.0	225	1,200	8	2.16	19.4	60	129.6	1,260	1,000	147	648	5	18	2,333
	5.0	228.6	1,523	6	2.09	18.8	60	125.3	1,600	1,000	147	627	5	18	2,256
	5.0	600	600	6	2.16	19.4	50	108.0	640	1,280	143	540	5	18	1,944
REGID	4.5	150	1220	10	1.83	15.1	72	131.8	1,300	1,050	250	659	5	16	2,108
	4.5	310	605	10	1.88	15.5	72	135.0	1,300	1,050	250	675	5	16	2,161
	6.0	150	1220	10	1.83	15.3	72	131.8	1,300	1,050	250	659	5	16	2,108
	6.0	310	605	10	1.88	15.7	72	135.0	1,300	1,050	250	675	5	16	2,161
CLICK	3.2	150	1,220	14	2.56	15.5	78	199.8	1,300	1,050	250	799	4	16	3,197
	4.0	150	1,220	10	1.83	13.4	84	153.7	1,300	1,050	250	769	5	16	2,460
	4.0	310	605	12	2.25	14.4	72	162.0	1,300	1,050	250	810	5	16	2,593

Classification	Products	SPEC			MOQ	Wear Layer	20ft Cntr Lot		Weight
		Thickness	Width	Length			Standard	Maximum	
Light Commercial	Palace	1.5mm	2.00m	25m	800m	0.10mm	3,800m	4,000m	4.90kg/m
	Bright	1.6mm	2.00m	25m	800m	0.15mm	3,800m	4,000m	5.20kg/m
	Supreme 1.8	1.8mm	2.00m	20m	800m	0.30mm	3,200m	3,400m	5.80kg/m
Commercial	Wood Collection	2.0mm	2.00m	20m	800m	0.3/0.5mm	3,200m	3,200m	6.20kg/m
	Stone Collection	2.0mm	2.00m	20m	800m	0.3/0.5mm	3,200m	3,200m	6.20kg/m
	ABC	2.0mm	2.00m	20m	800m	0.50mm	3,200m	3,400m	6.00kg/m
	Supreme 2.0	2.0mm	2.00m	20m	800m	0.50mm	3,200m	3,400m	5.90kg/m
	Style	2.0mm	2.00m	20m	800m	0.50mm	3,200m	3,400m	5.90kg/m
Heavy Traffic	Durable	2.0mm	2.00m	20m	800m	0.70mm	3,200m	3,400m	6.10kg/m
	MediStudio	2.0mm	2.00m	20m	800m	0.70mm	3,200m	3,400m	6.10kg/m
	SD Metal	3.2mm	1.83m	18m	504m	1.00mm	2,520m	2,520m	7.40kg/m
	SD Trans	3.2mm	1.83m	18m	504m	0.80mm	2,520m	2,520m	8.10kg/m
Acoustic	Delight 2.2	2.2mm	2.00m	20m	800m	0.50mm	3,600m	4,000m	4.40kg/m
	Calmpasso 3.2	3.2mm	2.00m	20m	800m	0.70mm	2,600m	2,800m	5.30kg/m
	Comfort 3.4	3.4mm	2.00m	20m	800m	0.70mm	2,600m	2,800m	5.90kg/m
	Leisure 4.0	4.0mm	1.80m	16m	304m	0.50mm	2,080m	2,240m	5.50kg/m
	Senior 4.5	4.5mm	1.83m	23m	400m	0.60mm	1,909m	2,070m	5.50kg/m
	EQ Floor 6.0	6.0mm	1.83m	13m	507m	1.00mm	1,200m	1,467m	8.10kg/m
Textile	Woven Tile 3.5	3.5mm	500.0mm	500.0mm	150Box	-	720Box	720Box	3.20kg/SQM
Homogeneous sheet	Origin	2.0mm	2.00m	20m	720m	2.00mm	2,880m	2,880m	5.0kg/m
	Space	2.0mm	2.00m	20m	720m	2.00mm	2,880m	2,880m	5.8kg/m
	Unite	2.0mm	2.00m	20m	720m	2.00mm	2,880m	2,880m	6.4kg/m
	Allroad	2.0mm	2.00m	20m	800m	2.00mm	2,880m	2,880m	5.96kg/m
	Conductive	2.0mm	2.00m	20m	500m	2.00mm	2,880m	2,880m	5.6kg/m
	Sports	Rexcourt 3.9	3.9mm	1.80m	14/16m	300m	1.00mm	2,080m	2,240m
Rexcourt 4.5		4.5mm	1.80m	20m	300m	0.6/1.0mm	2,040m	2,040m	5.80kg/m
Rexcourt 6.5		6.5mm	1.80m	15m	300m	1.00mm	1,440m	1,440m	7.90kg/m
Rexcourt 8.0		8.0mm	1.80m	11m	300m	1.00mm	1,056m	1,056m	8.76kg/m
Wall	Medistep Wall	1.0mm	2.00m	40m	800m	-	5,760m	6,000m	3.12kg/m

Warranty

Tile Flooring (LVT)

1. Product

- LG Hausys warrants its residential/commercial flooring products to be free from manufacturing defects and wear-out for (see applicable products and years below) by appropriate maintenance for residential/commercial use.

2. Workmanship

- LG Hausys does not warrant installers' workmanship. Workmanship errors should be addressed to the contractor who installed the floor. LG Hausys floors should be professionally installed by contractors who have demonstrated expertise in installing residential/commercial floors.

3. Terms

- ① LG Hausys floors is correctly installed over a properly prepared subfloor.
- ② The floor is regularly maintained using an approved maintenance system as laid out in the LG Hausys Maintenance Manual and using properly maintained equipment and appropriate cleaning tools.
- ③ Within One Year: If a defect covered by this warranty is reported to LG Hausys in writing within one year of purchase, LG Hausys will supply new material of the same or similar grade sufficient to repair or replace the defective material. LG Hausys will also pay reasonable labor costs.
- ④ Within Two Years: If a defect covered by this warranty is reported to LG Hausys in writing after one year but within two years of purchase, LG Hausys will supply new material of the same or similar grade sufficient to repair or replace the defective material. LG Hausys will also pay fifty percent of reasonable labor costs.
- ⑤ After Two Years: If a defect covered by this warranty is reported to LG Hausys in writing after two years but within (see applicable products and years below) of purchase, LG Hausys will supply new material of the same or similar grade sufficient to repair or replace the defective material. LG Hausys will not pay labor costs.
- ⑥ LG Hausys will not pay labor costs to repair or replace materials with defects that were apparent before or at the time of installation.

4. Exclusions

- The warranty does not cover the following:
 - Improper Installation and/or maintenance.
 - Problems arising from excessive moisture, alkaline, or water pressure from the subfloor.
 - Differences in color between products and samples or photographs.
 - Discoloration due to U.V. light, heat sources.
 - Surface scratches, changes in shading, texture, and/or gloss during use.
 - Indentations from improper loading including high heels, spiked shoes, rolling loads, chairs and other furniture not using floor protectors.
 - Damage caused by chemically reactive materials, carpet crocking, dye, mold, stains, spillages, burns, gouges, scratches, indentations, floods, accidents, abuse, or any harsh scouring pads while buffing.
 - Loss of any surface treatment features under following conditions:
 1. After buffing and/or waxing
 2. Improper, inadequate maintenance
 3. Damages (scratches, abrasion) on surface due to long-term usage and/or heavy traffic

- Damage caused by improper shipment, delivery or storage.
- Damages and/or discoloration due to exterior installation.
- LG Hausys excludes and will not pay incidental or consequential damages under this warranty.

By this we mean any loss, expense, or damage other than on the flooring itself that may result from a defect in the flooring. No implied warranties extend beyond the terms of this written warranty.

5. Note

- Some states do not allow exclusion or limitations of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

THERE ARE NO WARRANTIES BEYOND THIS EXPRESSED WARRANTY. ALL OTHER WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE EXCLUDED. LG HAUSYS EXCLUDES ANY LIABILITY FOR LOST PROFITS OR ANY OTHER INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES. THE REMEDIES CONTAINED HEREIN ARE THE ONLY REMEDIES AVAILABLE FOR BREACH OF THIS WARRANTY.

Applicable Products and Years

Product	Specification	Manufacturing Defects Warranty	Limited Wear Warranty	
			Residential	Commercial
Decotile	Total Thickness: 5.0mm Wear Layer: 0.55mm	10 years	30 years	10 years
	Total Thickness: 3.0mm Wear Layer: 0.55mm	10 years	30 years	10 years
	Total Thickness: 3.0mm Wear Layer: 0.3mm	7 years	25 years	7 years for Light Commercial
	Total Thickness: 3.0mm Wear Layer: 0.15mm	5 years	15 years	5 years for Light Commercial
	Total Thickness: 2.5mm Wear Layer: 0.55mm	10 years	30 years	10 years
Decoclick	Total Thickness: 2.0mm Wear Layer: 0.3mm	7 years	25 years	7 years for Light Commercial
	Total Thickness: 4.0mm Wear Layer: 0.3mm	7 years	25 years	7 years for Light Commercial
	Total Thickness: 3.2mm Wear Layer: 0.3mm	7 years	25 years	7 years for Light Commercial
Decolay	Total Thickness: 4.0mm Wear Layer: 0.55mm	10 years	30 years	10 years
	Total Thickness: 4.0mm / 4.5mm / 5.0mm Wear Layer: 0.55mm	10 years	30 years	10 years
Decorigid	Wear Layer 0.55mm Wear Layer 0.30mm	-	25 years	7 years

Sheet Flooring

1. Product

- LG Hausys warrants its commercial flooring products to be free from manufacturing defects and wear-out for (see applicable products and years below) by appropriate maintenance for commercial use.

2. Workmanship

- LG Hausys does not warrant installers' workmanship. Workmanship errors should be addressed to the contractor who installed the floor. LG Hausys floors should be professionally installed by contractors who have demonstrated expertise in installing commercial floors.

3. Terms

- ① LG Hausys floors are correctly installed over a properly prepared subfloor.
- ② The floor is regularly maintained using an approved maintenance system as laid out in the LG Hausys Maintenance Manual and using properly maintained equipment and appropriate cleaning tools.
- ③ Within One Year: If a defect covered by this warranty is reported to LG Hausys in writing within one year of purchase, LG Hausys will supply new material of the same or similar grade sufficient to repair or replace the defective material. LG Hausys will also pay reasonable labor costs.
- ④ Within Two Years: If a defect covered by this warranty is reported to LG Hausys in writing after one year but within two years of purchase, LG Hausys will supply new material of the same or similar grade sufficient to repair or replace the defective material. LG Hausys will also pay fifty percent of reasonable labor costs.
- ⑤ After Two Years: If a defect covered by this warranty is reported to LG Hausys in writing after two years but within (see applicable products and years below) of purchase, LG Hausys will supply new material of the same or similar grade sufficient to repair or replace the defective material. LG Hausys will not pay labor costs.
- ⑥ LG Hausys will not pay labor costs to repair or replace materials with defects that were apparent before or at the time of installation.

4. Exclusions

- The warranty does not cover the following:
 - Improper Installation and/or maintenance
 - Misplacing or lifting the product, due to improper/poor usage of adhesive or tackifier
 - Damage due to inadequate floor smoothness
 - Discontinued product or specific color
 - Misuse and abuse by end users
 - Problems arising from excessive moisture, alkaline, or water pressure from the subfloor
 - Differences in color between products and samples, photographs or electronic Medium
 - Discoloration due to U.V. light, heat sources
 - Surface scratches, changes in shading, texture, and/or gloss during use
 - Damage caused by improper storage and handling prior to installation
 - Damage due to inadequate protective matting at entryways and landings

- Excessive wear from the presence of sand and/or grit on installed material
- Indentations or damage from improper loading including high heels, spiked shoes, rolling loads, chairs and other furniture not using floor protectors
- Damage caused by chemically reactive materials, carpet crocking, dye, mold, stains, spillages, burns, gouges, scratches, indentations, floods, accidents, abuse, or any harsh scouring pads while buffing
- Loss of any surface treatment features(e.g. anti-iodine) under following conditions:
 1. After buffing and/or waxing
 2. Improper, inadequate maintenance
 3. Damages (scratches, abrasion) on surface due to long-term usage and/or heavy traffic
- Damage caused by improper shipment, delivery or storage
- Damages and/or discoloration due to exterior installation
- LG Hausys excludes and will not pay incidental or consequential damages under this warranty

By this we mean any loss, expense, or damage other than on the flooring itself that may result from a defect in the flooring. No implied warranties extend beyond the terms of this written warranty.

5. Note

- Some states do not allow exclusion or limitations of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

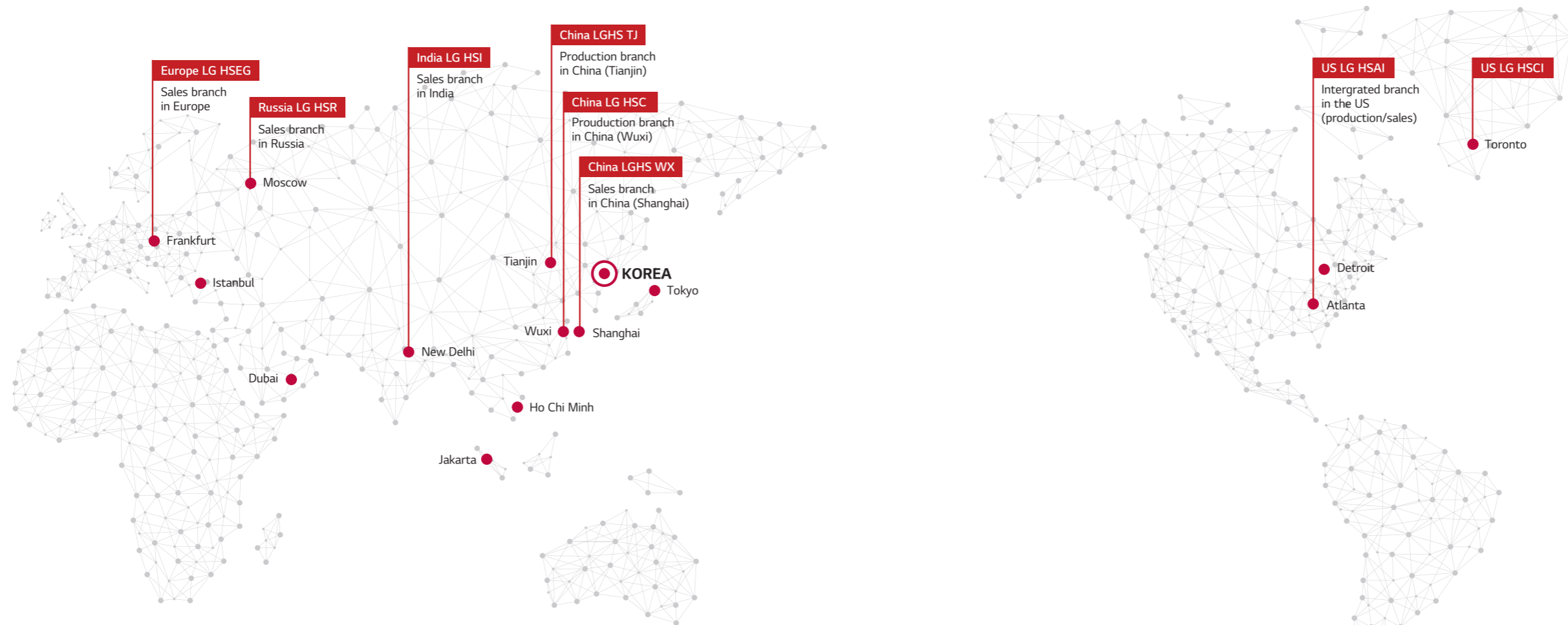
*There are no warranties beyond this expressed warranty. all other warranties, including warranties of merchantability or fitness for a particular purpose, are excluded.

LG hausys excludes any liability for lost profits or any other indirect, special or consequential damages. the remedies contained herein are the only remedies available for breach of this warranty.

Applicable Products and Years

	5 Years	10 Years	20 Years
Homogeneous Vinyl Sheet		· Origin · Unite · Space · Allroad	
Heterogeneous Vinyl Sheet		· Wood Collection · Stone Collection · ABC	· Safe Deco · Calmpasso 3.2
	· Palace · Bright · Supreme 1.8	· Supreme 2.0 · Style · Delight 2.2 · Leisure 4.0 · Durable · MediStudio	· Comfort 3.4 · Senior 4.5 · EQ Floor 6.0 · REXCOURT

Global Network



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