

TRAVELLER EVOLUTION

FLOORING FOR RAIL VEHICLE INTERIORS

NEW

EN 45545 HL2 - NFPA130



Gerflor[®]
theflooringgroup



GERFLOR KEY FIGURES



SALES
860 Million euros



STAFF
4000 employees



**WORLDWIDE
PRESENCE**
13 manufacturing plants and 27 subsidiaries



**ACCURATE TECHNICAL
SOLUTIONS**
Specific products for each customer needs



INNOVATIVE DESIGNS



QUALITY
ISO 9001, EN 9100 certification, ISO 14001
Safety and reliability



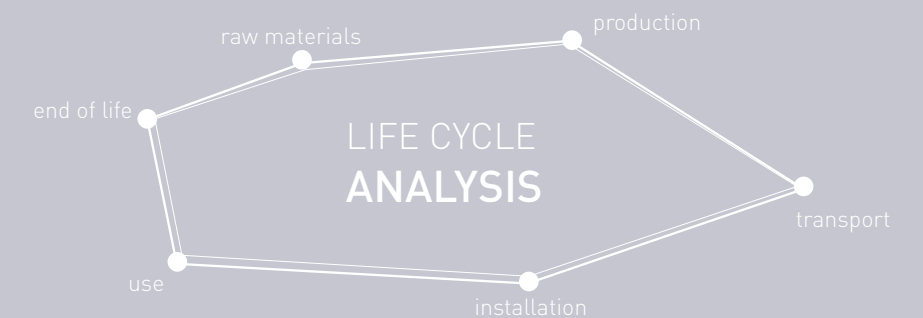
GERFLOR & ENVIRONMENT



Gerflor manufacturing facilities are ISO 14001 certified.



All new products are developed with a view to optimize the environmental impact at every stage of the product's life... "from cradle to grave". This includes assessment of the manufacturing, installation, ongoing maintenance and recycling of the products.



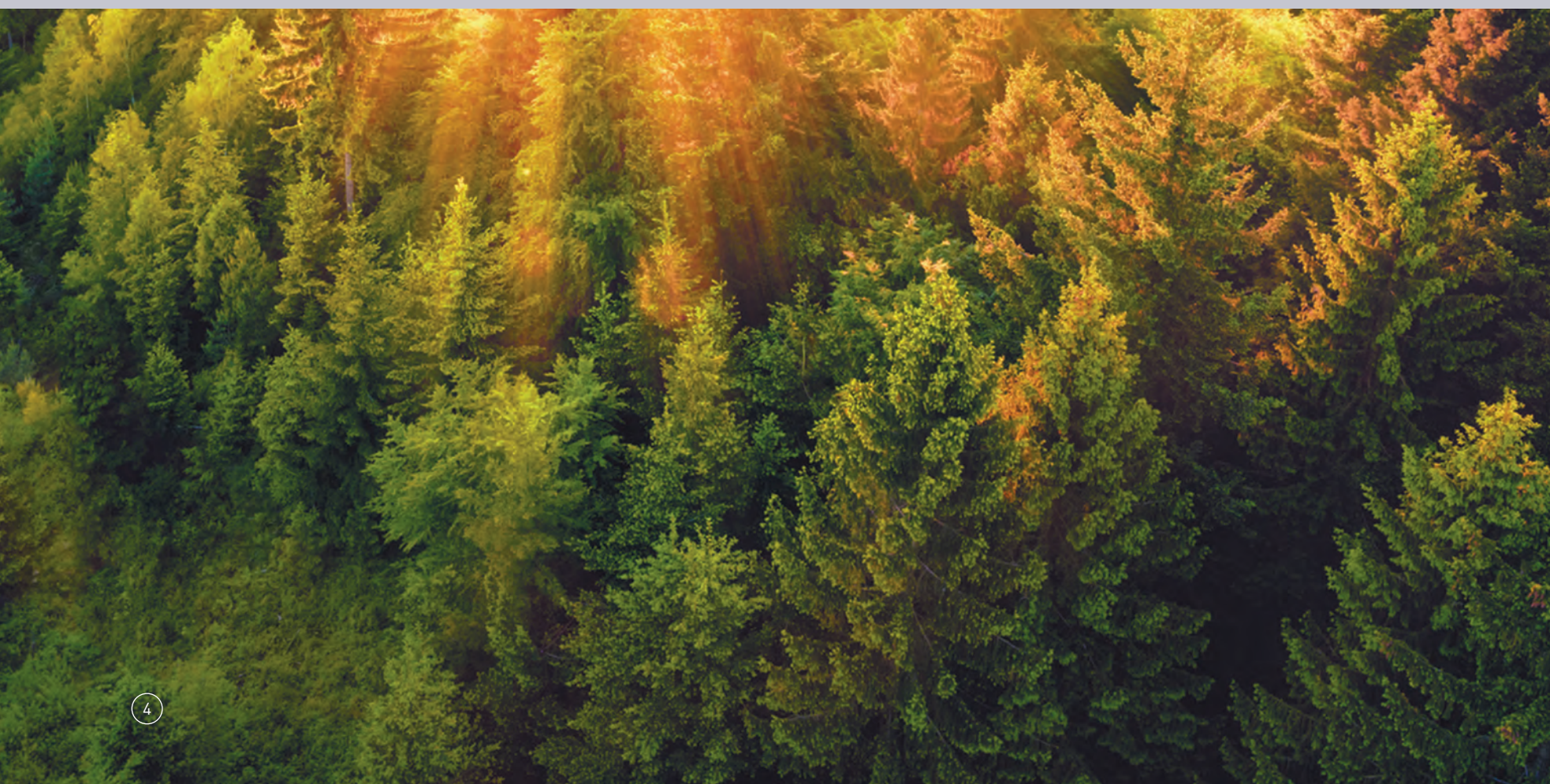
Gerflor has selected raw materials with no heavy metals, no carcinogenic-, mutagenic-, or reprotoxic-components (no DEHP).



We commit to not using substances potentially subjected to any REACH restrictions ("Registration, Evaluation, Authorisation of CHemicals" – The regulation of the European Union to prevent any sale of proven harmful raw materials).



More than 90% of our post manufacturing waste is recycled.





TRAVELLER EVOLUTION

Light weight resilient flooring assembly

Gerflor has more than 60 years expertise in the development and manufacture of resilient non-textile floorings specifically designed for public transport vehicle interiors.

TRAVELLER EVOLUTION PRODUCT RANGE IS ESPECIALLY DESIGNED TO MEET THE REQUIREMENTS OF THE GLOBAL RAILWAY INDUSTRY.

PASSENGER SECURITY

HIGH FIRE SAFETY
meets the following standards

- EN45545 HL2
- NFPA 130

**HIGH SLIP
RESISTANCE**

- R10 according to DIN 51 130
- Exceed ADA

LIGHT WEIGHT

- Helps to reduce the total mass of the vehicle

DURABILITY

- Designed for high traffic conditions in rail cars

FLEXIBILITY

- Very pliable to ease the installation process in horizontal and vertical surfaces

EVERCARE® TECHNOLOGY

- Allows for ease of cleaning & maintenance
- Resistance to scratches

GOOD BONDING PROPERTIES

- Compliant with main OEM's and Operators standards
- Non Textile backing (NT) to improve the adhesion process

SPECIFIC SOLUTIONS TO ENSURE MORE OPERATIONAL EFFICIENCY

- Self-adhesive option
- Traveller Kit System
- Logo tiles
- Bespoke colours

OUR MISSION STATEMENT

- To provide safe products which exceed the requirements of the Rolling Stock Market
- To develop products and solutions which ensure your operational efficiency and competitiveness.
- To be committed to prompt and reliable services.



**HIGH
SPEED
TRAIN**



**METRO &
SUBURBAN &
REGIONAL TRAIN**



**LIGHT
RAIL
VEHICLE**



TECHNICAL DATA

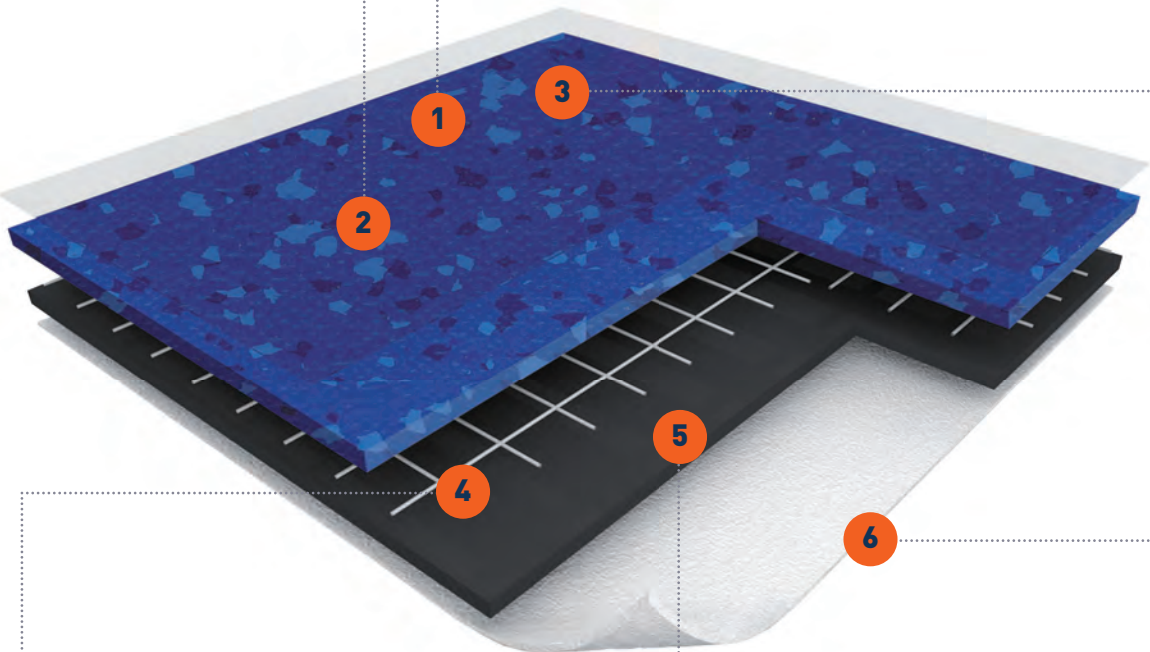
• TRAVELLER **EVOLUTION**

TRAVELLER EVOLUTION NT

Emboss / Antisliding and easy maintenance
Grain / Antidérapance et facilité d'entretien
Oberflächenstruktur / Rutschfestigkeit und einfache Wartung
Grano / Antideslizamiento, facilidad de mantenimiento

Evercare® technology / Easy clean – Mat finish – Optimize product durability
Evercare® technology / Facilité d'entretien – Finition mate – Meilleure longévité produit
Evercare® technology / Einfache Wartung – Mattes Finish – Produkt Lebensdauer
Evercare® technology / Facilidad de limpieza – Acabado mate – Longevidad del producto

Compact Wear Layer / Durability – Inlaid pattern – Easy maintenance
Couche compacte / Durabilité – Décor incrusté – Facilité d'entretien
Kompakte Nutzschrift / Lebensdauer, einfache Wartung
Capa compacta / Longevidad, facilidad de mantenimiento



Glass Fiber Web / Dimensional stability
Grille de verre / Stabilité dimensionnelle
Netzgitter / Maßstabilität
Red de Vidrio / Estabilidad dimensional

Non Textile Backing / Gluing capabilities
Sous-couche textile / Aptitude au collage
Vliesrücken / Leicht zu verkleben
Subcapa textil / Facilidad de pegado

Under layer / Dimensional stability
Sous couche / Stabilité dimensionnelle
Unterschicht / Maßstabilität
Capa de soporte / Estabilidad dimensional

Light weight resilient flooring assembly

TRAVELLER EVOLUTION NT

DESCRIPTION <i>DESCRIPTION - BESCHREIBUNG - DESCRIPCIÓN</i>		
EMBOSS <i>GRAIN - OBERFLÄCHENSTRUKTUR - GRANO</i>	Calf	
ROLL WIDTH <i>LARGEUR DU ROULEAU - ROLLENBREITE - ANCHURA DEL ROLLO</i>	2m / 6,6 Ft.	
ROLL LENGTH <i>LONGUEUR DU ROULEAU - ROLLENLÄNGE - LONGITUD DEL ROLLO</i>	Up to 24 lm / Up to 78,744 Ft.	
APPARENT THICKNESS <i>ÉPAISSEUR - STÄRKE - ESPESOR</i>	ISO 24346	2,5 mm ± 0,15 mm / 0.089" ± 0,006"
WEIGHT PER M ² <i>POIDS PAR M² - GEWICHT PRO M² - PESO POR M²</i>	ISO 23997	3.1kg/sqm / 5.714 lb/Sq.Yd
SAFETY <i>SÉCURITÉ - SICHERHEIT - SEGURIDAD</i>		
FIRE RESISTANCE with or without self-adhesive <i>CLASSEMENT FEU avec ou sans adhésif</i> - BRANDVERHALTEN selbstklebend oder nicht selbstklebend - COMPORTAMIENTO ANTE EL FUEGO con o sin pre-encolado	EN 45545	HL2
	NFPA 130	PASS
SLIP RESISTANCE <i>RÉSISTANCE À LA GLISSANCE - RUTSCHHEMMUNG</i> - RESISTENCIA AL DESLIZAMIENTO	DIN 51 130	R10
	ASTM D 2047	> 0.60
PERFORMANCES <i>PERFORMANCES - LEISTUNG - PROPIEDADES</i>		
GLUING PERFORMANCES with or without self-adhesive <i>PERFORMANCES DE COLLAGE avec ou sans adhésif</i> - KLEBEN LEISTUNGEN selbstklebend oder nicht selbstklebend - FUNCIONES DE PEGADO con o sin pre-encolado	SNCF STMX013	PASS
ABRASION RESISTANCE <i>RÉSISTANCE À L'ABRASION - ABRIEBWIDERSTAND - RESISTENCIA A LA ABRA-SIÓN</i> Taber - H18 wheels 1000 g - 1000 cycles Loss of weight	ISO 9352	≤ 300 mg ≤ 0,01 + 0,002 oz
DIMENSIONAL STABILITY <i>STABILITÉ DIMENSIONNELLE - MAßSTABILITÄT - ESTABILIDAD DIMENSIONAL</i> 6h at 80°C	ISO 23999	≤ 0,3%
PHONIC INSULATION <i>CARACTÉRISTIQUE PHONIQUE - SCHALLDÄMMUNG - AISLAMIENTO ACÚSTICO</i>	ISO 717/2	DI = 8 dB
INDENTATION TEST <i>RÉSISTANCE AU POINÇONNEMENT STATIQUE - RESTEINDRUCK - RESISTENCIA AL PUNZONAMIENTO ESTÁTICO</i> 50 daN/cm ² - 150 mm Remanent strain	ISO 24343-1	≤ 0,15 mm ± 0,02 mm < 0,003"
COLOUR FASTNESS <i>TENUE À LA LUMIÈRE - LICHTECHTHEIT - COMPORTAMIENTO ANTE LA LUZ</i>	ISO 877/76 ISO 4892-2	≥ 6 ≥ 3
CHEMICAL AGENTS RESISTANCE <i>RÉSISTANCE AUX AGENTS CHIMIQUES - VERHALTEN GEGENÜBER CHEMIKA-LIEN</i> <i>RESISTENCIA A LOS PRODUCTOS QUÍMICOS</i>	ISO 26987	Unaffected by diluted acids and bases Unaffected by domestic products excluding solvents for plasticized PVC**

** Insensible aux acides et bases dilués. Insensible aux produits domestiques à l'exclusion des solvants du PVC plastifié.
Unempfindlich gegenüber verdünnten Säuren und Basen. Unempfindlich gegenüber Haushaltsmitteln mit Ausnahme von Lösungsmitteln für Weich-PVC
Insensible a los acidos y bases diluidos. Insensible a los productos domésticos a excepciDn de los disolventes del PVC plastificado.



TRAVELLER SOLUTIONS

- SELF-ADHESIVE
- KIT SYSTEM
- HOT WELDING PROCESS
- BACK WELDING
- GERSEAL 11 SEALANT
- LOGO TILES
- INSTALLATION TRAINING
& TECHNICAL SUPPORT

TRAVELLER SOLUTIONS



TRAVELLER

Self-Adhesive

COMPLIANT WITH MAIN OEM'S AND OPERATORS BONDING STANDARDS

INSTALLATION TIME SAVING ON PRODUCTION LINES

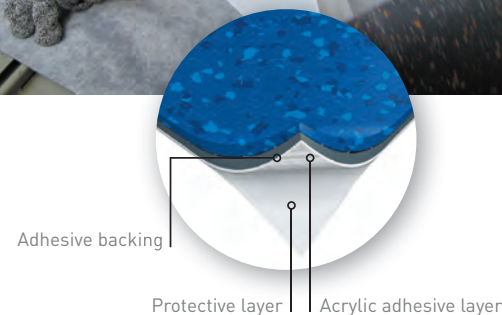
- Ready to bond & Easy to use
- Works on all types of subfloor
- No curing or waiting time:
Can be walked on immediately after laying

IMPROVEMENT OF WORKING CONDITIONS

- No adhesive application, odorless, solvent free solution

COMPLIANCE WITH ENVIRONMENTAL DIRECTIVE REQUIREMENTS

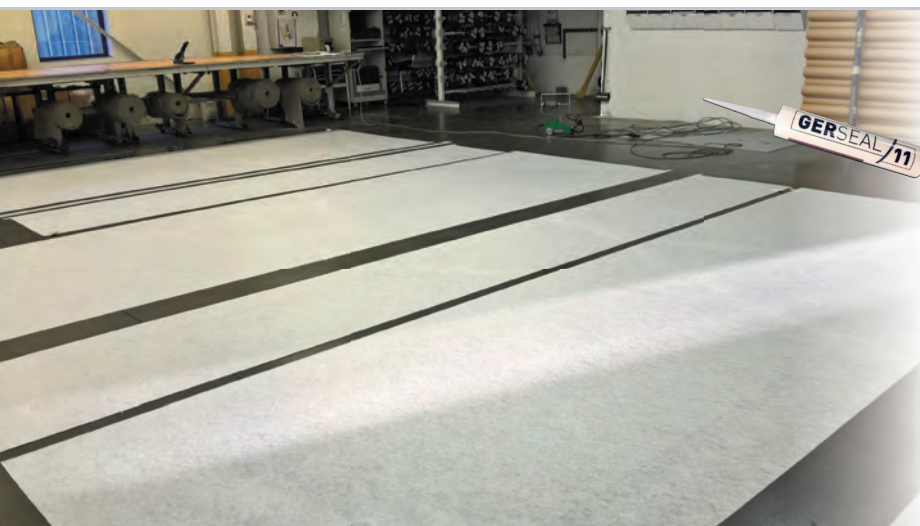
- No solvent
- Weight saving



KIT System

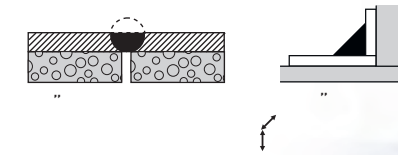
SPEED UP INSTALLATION PROCESS

- Precut flooring shipsets
- Easy to use & ready to be installed



HOT WELDING PROCESS

- CR 40 – CA 72 WELDING ROD
- DURABLE WATERTIGHT SYSTEM
Perfect fusion and quick cooling thanks to easy melt welding rods
- USER FRIENDLY
Easy to use
- Welding rods are designed to blend with Traveller Evolution floorings.
A wide colours choice is available from stock



Back WELDING

DURABLE AND AESTHETIC SOLUTION

- Pre-welded shipsets
- Complete watertight system
- Invisible back welding solution: not exposed to foot traffic



GERSEAL 11 SEALANT

- Waterproof cold sealing
- High adhesion to Traveller Evolution floorings
- Easy to apply and finish



LOGO TILES

TAILOR-MADE INLAID LOGOS FOR PRM TILES

- Customized logo tiles on demand
- Watertight solution

INSTALLATION TRAINING & TECHNICAL SUPPORT

A DEDICATED TECHNICAL TEAM

- Installation & maintenance training
- Advice & technical support



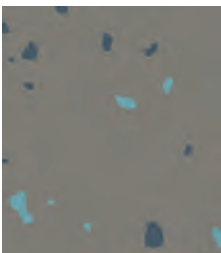
INSPIRATION BOOK



POWER METAL



BR 2717 Grey



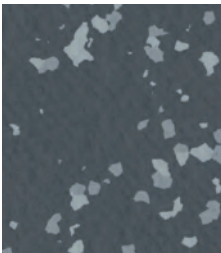
BR 2714



BR 2773



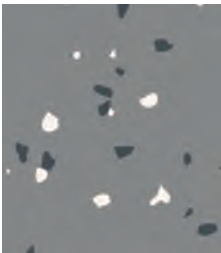
BR 2762



BR 3731

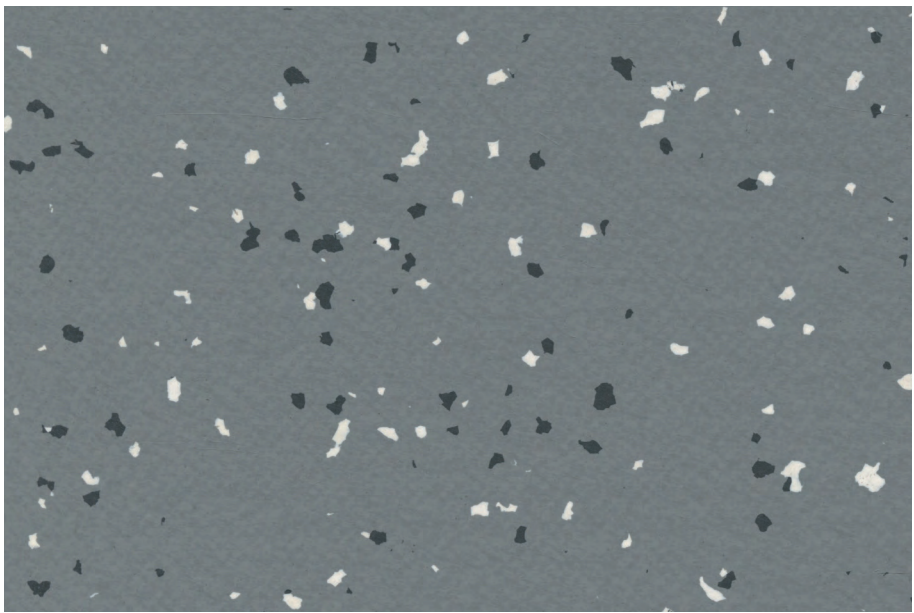


OR 8611

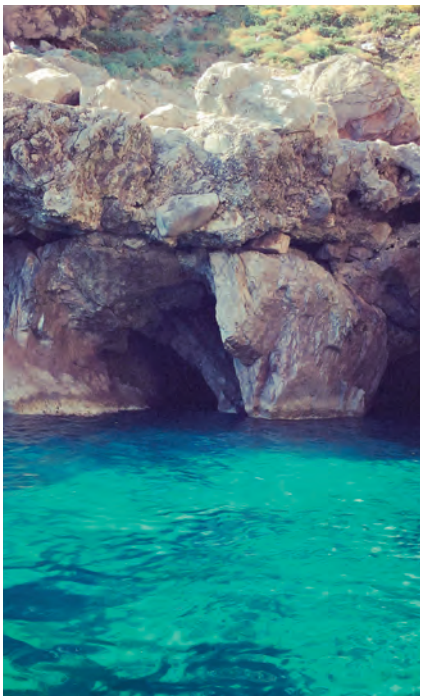
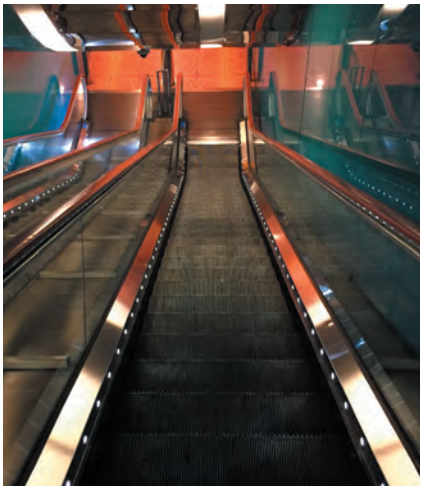


BR 2779

NEW WAVE



BR 2714 Light Grey



BR 2785



BR 2774



BR 2778



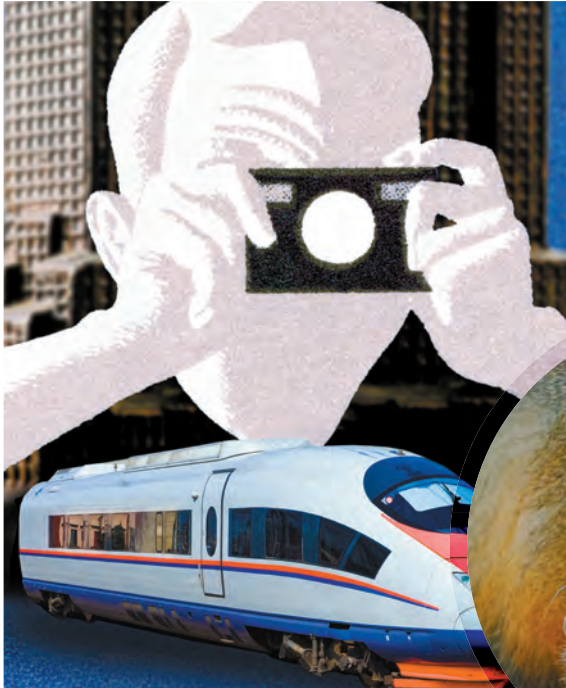
BR 2765



FR 2786



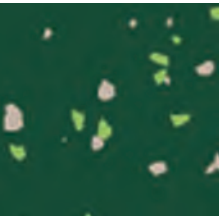
POP



OR 8610



BR 2782



BR 2771



BR 2763



FR 2767



OR 2776



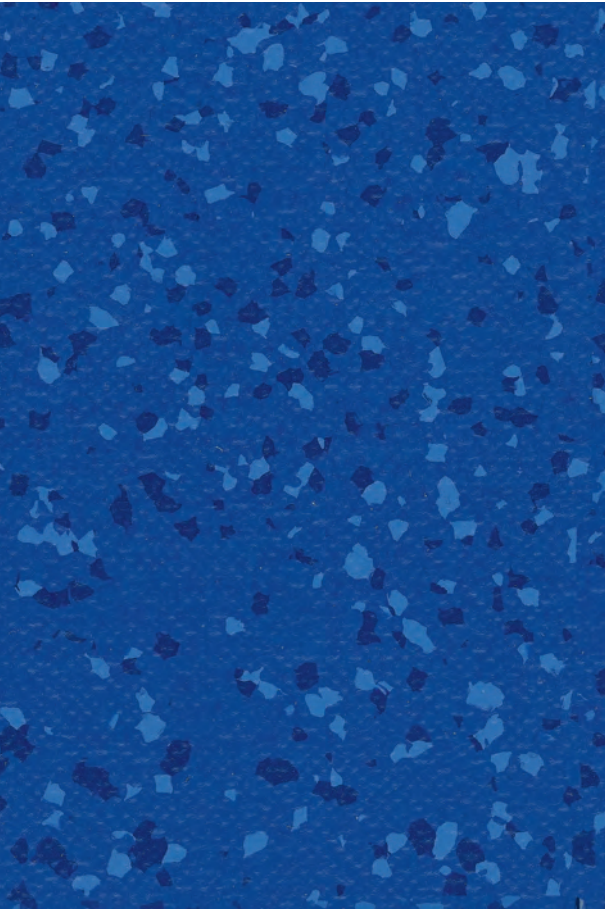
OR 2783



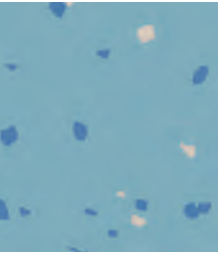
OR 6217 Exo Terra



CLASSICAL



BR 2413 Estancia



BR 2761



BR 2772



BR 2766



FR 2770

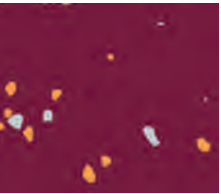
FOLK & ROCK



BR 2777



BR 2775



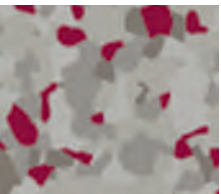
BR 2784



BR 2768



FR 2759



FR 2769



BR 2764



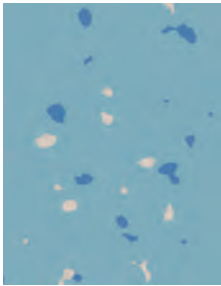
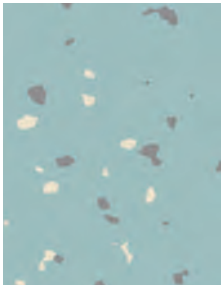
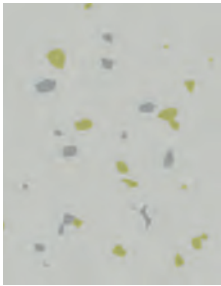
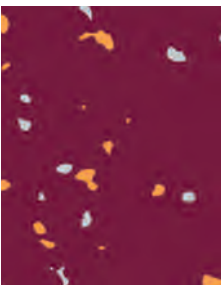
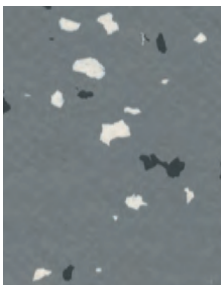
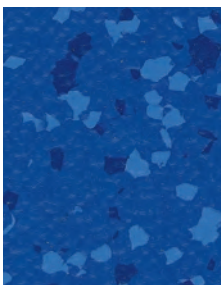
OR 8614



OR 6351 Greige



TRAVELLER EVOLUTION TRENDS AT A GLANCE

								
FR 2759 Tokyo	OR 6217 Exo Terra	BR 2761 Cadix	BR 2762 Moscou	OR 8610 Shanghai	BR 2772 Krakow	OR 6351 Greige*	BR 2773 Casablanca	OR 8611 Toronto
								
BR 2763 Seoul	BR 2764 Mexico	BR 2765 Boston	FR 2786 Cordou	BR 2785 Biarritz	BR 2774 Adelaide	BR 2775 Wellington	OR 2776 Sapporo	BR 3731 Anthrace*
								
BR 2782 Chennai	BR 2784 Occitanie	OR 2783 Santorin	BR 2766 Paris	FR 2767 Budapest	OR 8612 Charlotte	OR 8613 Alexandrie	BR 2714 Light Grey*	BR 2717 Grey*
								
BR 2768 Roma	FR 2769 Berlin	FR 2770 Graz	BR 2413 Estancia*	BR 2771 Praha	BR 2777 Cologne	BR 2778 Bonn	BR 2779 Fribourg	OR 8614 Lisboa

Minimum Order Quantity: 3000 sqm.

* Available on stock.

BESPOKE COLOURS



WE OFFER THREE DIFFERENT PATTERNS AVAILABLE IN MULTIPLE COLOUR COMBINATIONS

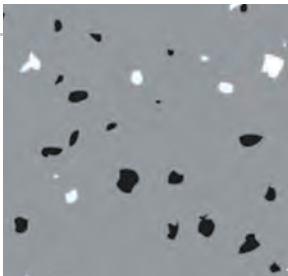
SELECT
YOUR PATTERN

FR



Choose
up to 5 colours

BR



Choose
3 colours

OR

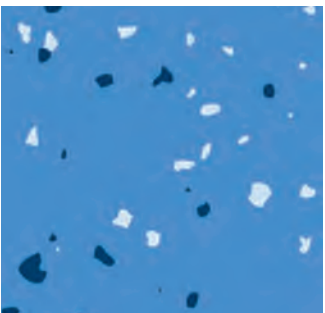
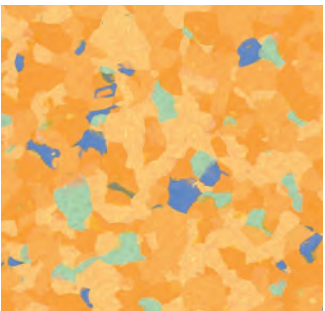


Choose
2 colours

CHOOSE
YOUR COLOURS



VIEW
YOUR FLOOR







TRAVELLER EVOLUTION

FLOORING FOR RAIL VEHICLE INTERIORS

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