



RAIL FLOOR COVERINGS

JULY 2025

creating better environments



FLOORING SYSTEMS

FORBO RAIL **PRODUCT SELECTOR**

Product Category	Description	Application Area	Number of Standard References	Bespoke Design/ Custom Colouration	Suitable for use on the following vehicle types			
					High Speed Train	Regional Train	Light Rail Vehicle	Metro

ENTRANCE FLOORING SYSTEMS

coral ® FR	Textile clean-off entrance systems	Vestibule/ Entrance	40	✓	●	●	○	-
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RESILIENT FLOOR COVERINGS

marmoleum ® FR ²	Linoleum	Saloon floor covering	136	✓	●	●	●	●
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TEXTILE FLOOR COVERINGS

flotex ® vision FR	Flocked – High definition digitally printed giving real design freedom	Saloon floor covering	∞	✓	●	●	○	-
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BROADLOOM CARPET

coral ® move vision FR	Broadloom carpet – digitally printed	Saloon floor covering	∞	✓	●	●	○	○
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tessera ® FR	Broadloom carpet – contemporary texturisation	Saloon floor covering	18	✓	●	●	○	-
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● Certified and suitable for use ○ Certified but not recommended for use – Not certified



MANY SOLUTIONS. ONE SUPPLIER.

Forbo has developed a truly comprehensive and compliant floor covering product offering for the global rail sector. Whether you are sourcing floor coverings for high speed, intercity, regional or light rail carriages, or for trams or Metro vehicles, we can provide you with an exceptional range of products and services to meet the necessary requirements.

Within our floor coverings portfolio you will find high performance entrance systems, linoleum flooring, broadloom carpets, flocked floor coverings and the widest range of designs and colourways on the market, giving you a world of choice. We also supply adhesives, accessories and specialist installation tools.

At Forbo, we fully appreciate the logistical challenges for both new build and refurbishment projects. We will work closely with you in understanding your specific requirements, in order to deliver the optimum service levels and solutions.

If you're looking for a totally unique floor covering design solution, then our in-house design team will work closely with you every step of the way in meeting your design specifications. The entire rail portfolio can be customised.

Working with Forbo means:

- *A sole source of supply for all your flooring requirements*
- *The largest and most versatile choice of floor coverings*
- *A custom design service*
- *Optimal efficiencies through tailored services and logistics*
- *Global advice, support and cross border project management*

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Linear

Material required for saloon area provided for influence. Linear design req.



Textures inserted



Colour matched to samples



Geometric

Material required for saloon area. Samples provided for influence.

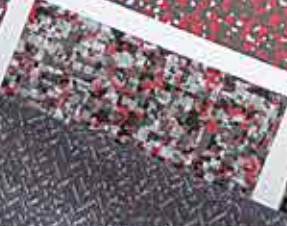


Colour added



Semi Plain

Brief: Design required for stair area. Samples provided for theme.



A SHOWCASE OF DESIGN AND COLOUR

Our collections are designed in-house and realised with the most modern printing and manufacturing techniques, resulting in inspiring designs no matter what combination of floor coverings you select. Custom colourations and bespoke designs are possible throughout the portfolio.

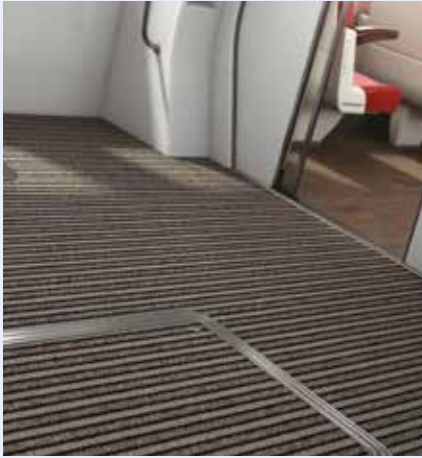
We also ensure that our products are produced to the latest technical standards to ensure that your floor coverings will offer outstanding performance throughout their lifetime.



RELIABLE LOGISTICS ACROSS THE WORLD

It's all about getting the right product to the right place, at the right time. In our world, we are recognised as a trusted partner. Our global logistics network ensures that your products arrive when you ask for them, on time and to your total satisfaction.

ENTRANCE FLOORING SYSTEMS



coral® FR

A collection of textile clean-off products for entrances with heavy traffic.

RESILIENT FLOORING



marmoleum® FR²

Forbo's linoleum brand – natural, sustainable, durable, high quality and innovative in colour and design.

FLOCKED FLOORING



flotex® vision FR

A textile flocked floor covering combining the cleaning properties and durability of a resilient flooring with the comfort, slip resistant and acoustic properties usually associated with textile flooring.

BROADLOOM CARPET



tessera® FR

Tessera Layout FR and Outline FR offer a multitude of creative and inspiring combinations for rail vehicle interiors.

BROADLOOM CARPET



coral® move vision FR

Coral Move Vision FR is a made to order product and our design team will work to match design and colour requirements on an individual project by project basis.

INNOVATIVE INSTALLATION SOLUTIONS



Many of our products can now also be ordered with different backing options to ensure that the installation process is as quick and straightforward as possible. Specifically designed to improve efficiencies in time, cost and operation not only for the first installation but throughout the life of the rail vehicle.

THE WIDEST PORTFOLIO OF FLOOR COVERINGS FOR RAIL

We pride ourselves on offering a truly comprehensive and compliant floor covering product portfolio for the rail sector. Combining durability, performance, excellent fire resistant properties and great aesthetics.



Coral has been the market leading textile entrance flooring brand for over 50 years and offers more choice than ever before with attractive and sustainable clean-off systems in styles and constructions to suit all applications, budgets and aesthetic requirements.

First impressions are crucial, which is why effective entrance flooring that stops dirt and moisture being tracked into carriages/saloon areas is fundamental to modern rail vehicle design.

By removing wet and dry soiling from the soles of shoes and wheel treads, an effective entrance system reduces premature wear and tear to interior floor coverings, minimises cleaning and maintenance costs and protects passengers by reducing slip hazards.

- **Cut to size/shape option**
- **Stops up to 95% of dirt and moisture**
- **Excellent dirt storage/soil hiding**
- **High moisture absorption**
- **Reduces cleaning costs and prolongs the lifetime of on board floor coverings and finishes**
- **PVC and phthalate free**
- **Most of our Coral FR entrance floors use Econyl® yarn which is made from used and abandoned fishing nets**
- **Available with different backing options for quicker installation (excludes Coral Duo FR)**

Providing the ideal solution for rail vehicle entrances, Coral FR entrance flooring is available in four different formats: Welcome FR, Classic FR, Brush FR and Duo FR – each with their own unique benefits.

Please ensure that 'FR' is clearly noted on all orders.

coral® classic FR

The ultimate moisture absorber



coral® brush FR

The great all-rounder



coral® duo FR

The ultimate dirt and moisture remover



coral® welcome FR

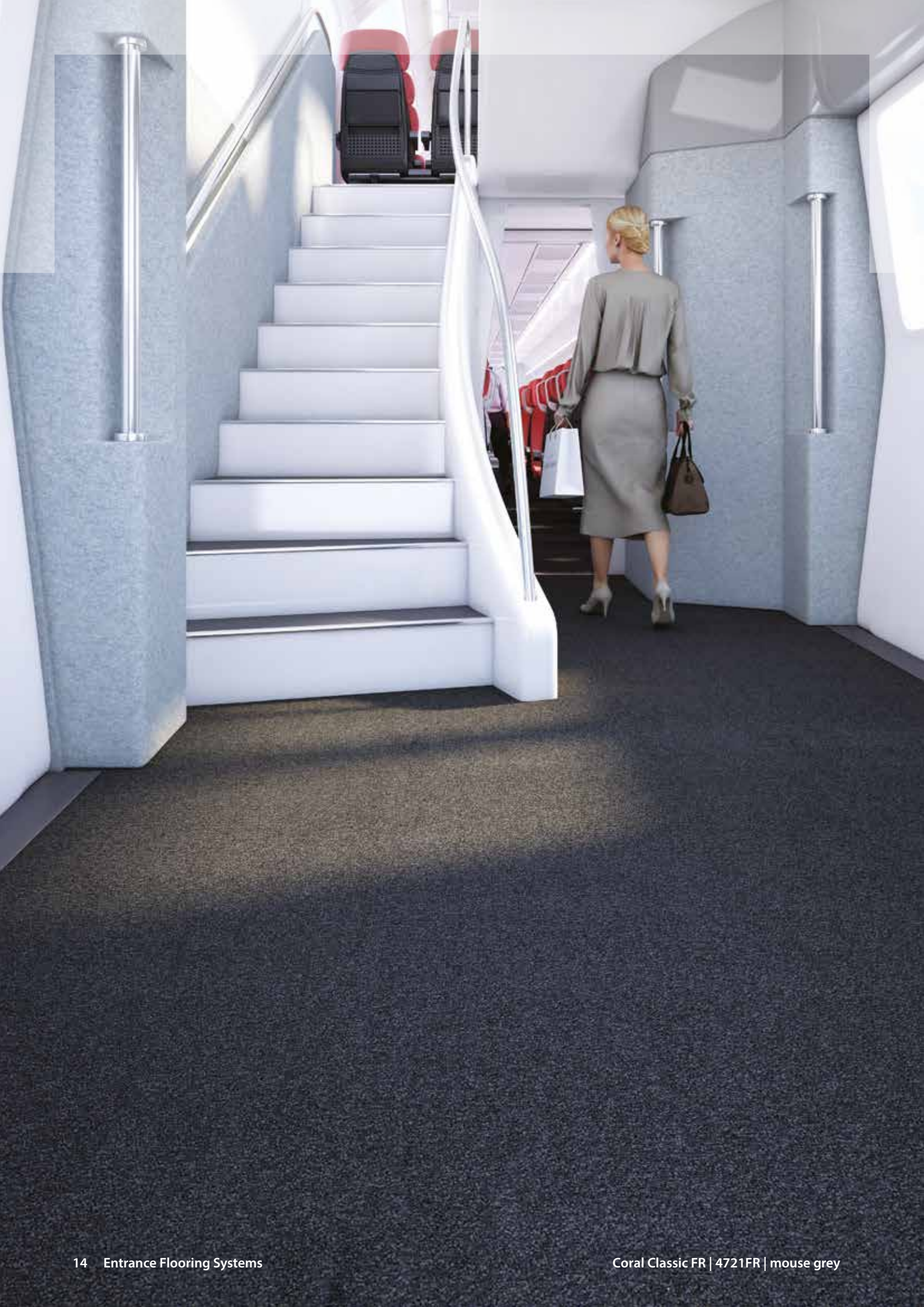
Where design meets environment



coral® logo FR

Bespoke design



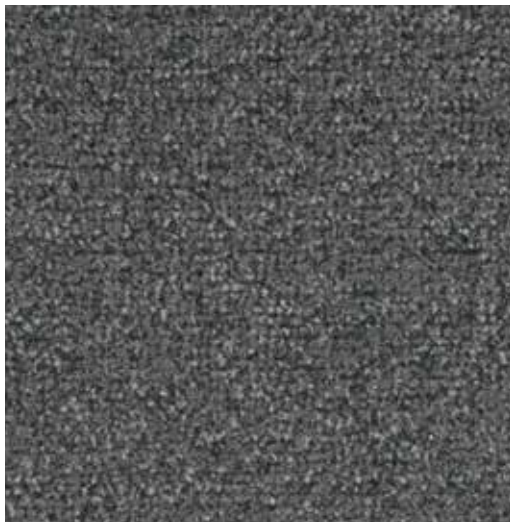


coral[®] classic FR

The ultimate moisture absorber

Research shows that taking just two steps on Coral Classic FR's moisture retaining construction is enough to absorb half of the foot-borne moisture that would otherwise be carried inside on the soles of passengers shoes.

- Cut to size/shape option
- High moisture absorption
- Dirt scraping for effective clean-off
- Excellent dirt storage/soil hiding
- Advanced colouring and design choice
- Reaction to fire EN 45545-2 : HL2
- Available with different backing options for quicker installation



4751FR | silver grey LRV 9%



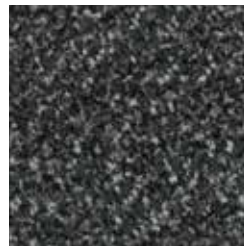
4764FR | taupe LRV 6%



4726FR | auburn LRV 4%



4763FR | ruby red LRV 5%



4701FR | anthracite LRV 6%



4768FR | hunter green LRV 4%



4784FR | coffee LRV 3%



4721FR | mouse grey LRV 4%



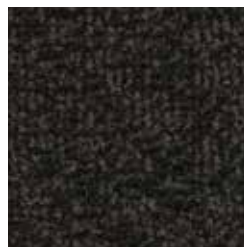
4730FR | raven black LRV 2%



4737FR | Prussian blue LRV 2%



4750FR | warm black LRV 4%



4756FR | bronzetone LRV 2%

Description	Tufted cut pile	
Dimensions	Roll width 185cm Roll length ≤ 27.5m	
Total thickness	ISO 1765	8.5mm
Pile weight	865g/m ²	
Yarn	100% polyamide-BCF solution dyed	
Collection size	12	
Area of use	Heavy Use	
Impact noise reduction	EN-ISO 717-2	ΔLw = approx. 31 dB
Tested flammability standard	EN 45545-2	HL2*
Slip resistance	EN 13893	μ ≥ 0.30
Body voltage	ISO 6356	< 2 kV
Thermal resistance	ISO 8302	0.13 m ² .K/W

*EN45545-2 testing has been carried out on various different substrates. This is the highest achieved result. Please ask for a full overview of specific results on different substrates by emailing transport@forbo.com

Please note: Digital representations may vary from actual product. Please order a physical sample to see the full effect by emailing: transport@forbo.com
Full technical specifications are available on page 68.



coral[®] brush FR

The great all-rounder

Coral Brush FR is suitable for all types of entrance areas, absorbing moisture and removing dry soiling as the weather demands.

- Cut to size/shape option
- High moisture absorption
- Dirt scraping for effective clean-off
- Excellent dirt storage/soil hiding
- Made with Econyl 100% regenerated Nylon
- Advanced colouring and design choice
- Reaction to fire EN 45545-2 : HL3
- Available with different backing options for quicker installation



5714FR | shark grey LRV 4%



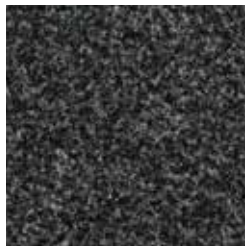
5739FR | Byzantine purple LRV 2%



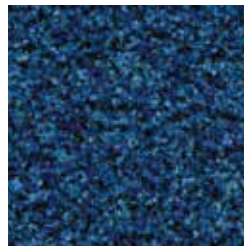
5774FR | biscotti brown LRV 4%



5716FR | masala brown LRV 5%



5721FR | hurricane grey LRV 3%



5722FR | cornflower blue LRV 3%



5723FR | cardinal red LRV 2%



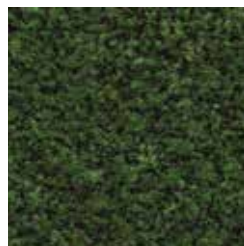
5736FR | cinnamon brown LRV 3%



5710FR | asphalt grey LRV 2%



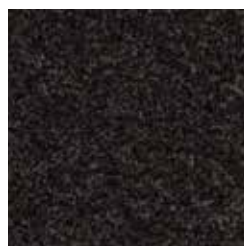
5727FR | stratos blue LRV 1%



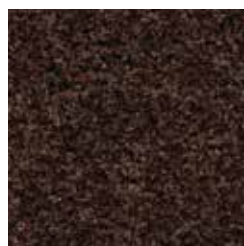
5708FR | avocado green LRV 3%



5730FR | vulcan black LRV 1%



5715FR | charcoal grey LRV 2%



5724FR | chocolate brown LRV 3%

Description	Tufted cut pile	
Dimensions	Roll width 185cm Roll length ≤ 27.5m	
Total thickness	ISO 1765	9.0mm
Pile weight	920g/m ²	
Yarn	100% regenerated ECONYL [®] polyamide	
Collection size	14	
Area of use	Heavy Use	
Impact noise reduction	EN-ISO 717-2	ΔLw = approx. 32 dB
Tested flammability standard	EN 45545-2	HL3*
Slip resistance	EN 13893	μ ≥ 0.30
Body voltage	ISO 6356	< 2 kV
Thermal resistance	ISO 8302	0.093 m ² .K/W

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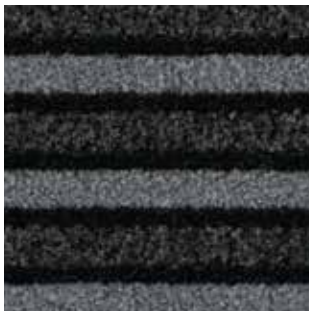


coral[®] duo FR

The ultimate dirt and moisture remover

Coral Duo FR is the ideal solution when you need maximum dirt removal, unrivalled dirt retention and exceptional moisture absorption, all in just a couple of paces.

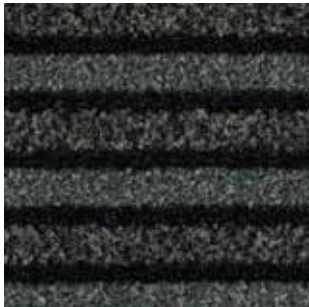
- Cut to size/shape option
- High moisture absorption
- Dirt scraping for effective clean-off
- Excellent dirt storage/soil hiding
- Advanced colouring and design choice
- Reaction to fire EN 45545-2 : HL2



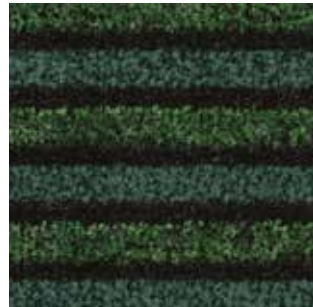
9710FR | luna pearl LRV 4%



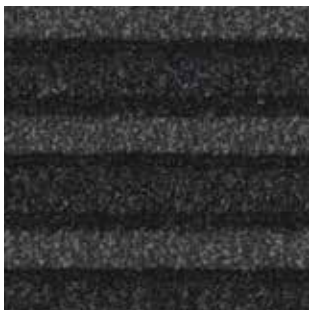
9714FR | Sicilian sand LRV 4%



9721FR | dark steel LRV 2%



9708FR | green bellagio LRV 2%



9730FR | black diamond LRV 1%



9747FR | azul imperial LRV 1%

Description	Tufted cut pile	
Dimensions	Roll width 185cm Roll length ≤ 27.5m	
Total thickness	ISO 1765	9.0mm
Pile weight	670g/m ²	
Yarn	100% polyamide of which 66% is regenerated ECONYL [®] Nylon	
Collection size	6	
Area of use	Heavy Use	
Impact noise reduction	EN-ISO 717-2	ΔLw = approx. 29 dB
Tested flammability standard	EN 45545-2	HL2*
Slip resistance	EN 13893	μ ≥ 0.30
Body voltage	ISO 6356	< 2 kV
Thermal resistance	ISO 8302	0.140 m ² .K/W

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Full technical specifications are available on page 68.



coral[®] welcome FR

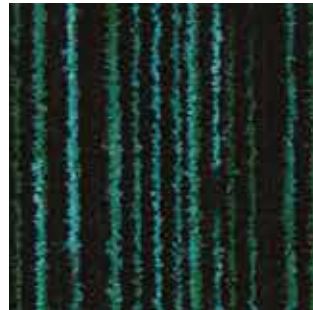
Where design meets environment

With its contemporary linear design and rich, deep pile, Coral Welcome FR packs the style and aesthetic appeal of a luxury carpet and makes an unequivocal statement in any entrance area.

- Cut to size/shape option
- High moisture absorption
- Dirt scraping for effective clean-off
- Excellent dirt storage/soil hiding
- Made with Econyl 100% regenerated Nylon
- Advanced colouring and design choice
- Reaction to fire EN 45545-2 : HL3
- Available with different backing options for quicker installation



3201FR | silver shadow LRV 3%



3205FR | blue lagoon LRV 3%



3202FR | desperado LRV 2%



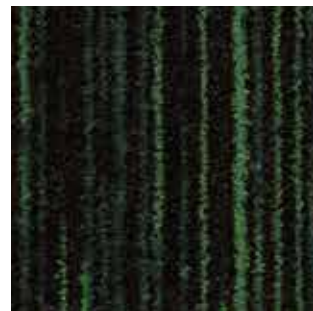
3206FR | volcano LRV 1%



3210FR | black magic LRV 2%



3207FR | blue velvet LRV 1%



3208FR | matrix LRV 2%



3219FR | colour purple LRV 1%

Description	Tufted cut pile	
Dimensions	Roll width 190cm Roll length ≤ 27.5m	
Total thickness	ISO 1765	8.0mm
Pile weight	780g/m ²	
Yarn	100% regenerated ECONYL [®] polyamide	
Collection size	8	
Area of use	Heavy Use	
Impact noise reduction	EN-ISO 717-2	ΔLw = approx. 27 dB
Tested flammability standard	EN 45545-2	HL3*
Slip resistance	EN 13893	μ ≥ 0.30
Body voltage	ISO 6356	< 2 kV
Thermal resistance	ISO 8302	0.090 m ² .K/W

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Marmoleum has a track record of over 150 years. A natural floor covering that is associated with sustainability, durability, high quality and innovative design.

For the rail sector, Marmoleum FR² offers total versatility in terms of colour and design, but what makes this floor covering really stand out is the fact that it is created using a high percentage of natural raw materials, with renewable and recycled contents.

- **Homogeneous durable construction**
- **A sustainable floor covering**
- **Low life cycle costs – can be renovated and repaired**
- **A floor covering that is naturally bacteriostatic**
- **No declarable or prohibited substances contained according to the Railway Industry Substance List**
- **Reaction to fire EN45545-2: HL2***
- **Lightweight at 2.9kg/m²**
- **Wide range of designs and colourways**
- **Cut to shape/size service available**
- **Suitable for use with underfloor heating**
- **Available with different backing options for quicker installation**

**We have extensive test certification available in various substrate and adhesive combinations. Please contact us for further details.*

Please ensure that 'FR²' is clearly noted on all orders.



As part of the Marmoleum product range, Marmoleum FR² has been independently confirmed as climate positive in the cradle to gate phase of their products life cycle, without the need for offsetting.

In simple terms, they absorb more carbon dioxide (CO₂) during the growth of their plant-based ingredients such as flax, jute and resin, than is released during the manufacturing and transportation processes. This means that they have a net positive impact on reducing greenhouse gases in the atmosphere from cradle to gate.

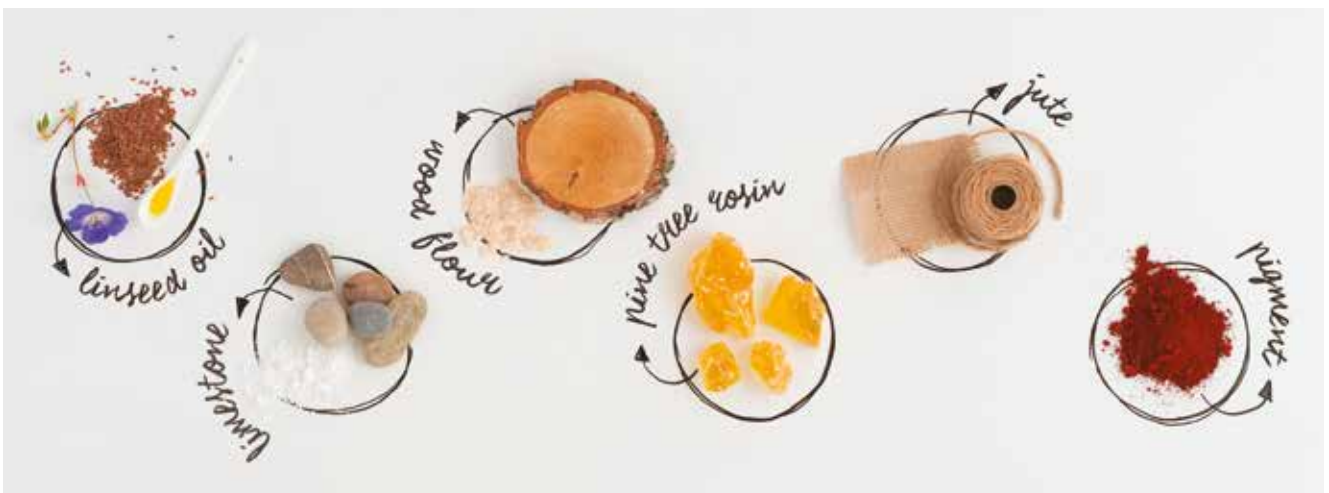
As such, Forbo Marmoleum FR² is the best flooring choice for every sustainable interior. By using durable materials in your rail projects, you can also contribute to a better environment.



marmoleum[®]
climate positive
CRADLE TO GATE

A floor covering made from natural materials. Key materials from which Marmoleum FR² is created:

- *linseed oil from the seeds of the flax plants*
- *fibres from jute stems*
- *rosin from pine trees*
- *upcycled wood residues from controlled sustainable forestry*
- *limestone*
- *pigments*



MARMOLEUM FR² NATURALLY

Infection control & Allergy UK

Independent testing by the University of Glasgow has proved that Marmoleum has a unique suitability for a diverse range of environments where hygiene and control of bacteria are important. Marmoleum FR² is also an Allergy UK approved floor covering.



Topshield pro

All Marmoleum FR² floors include Topshield pro, a double layer, UV-cured finish that is scratch and scuff resistant, easy to maintain and ensures long lasting appearance retention. With its natural bacteriostatic properties and resistance to chemicals, it is the ideal solution for heavy traffic rail vehicles.

Welding

In the majority of installations, Marmoleum does not need to be welded as it is completely dimensionally stable and will not shrink after proper installation. However, if welding is the preferred option, there are matching welding cords for every Marmoleum FR² design.



Cut to shape/size

Forbo recognises that sometimes you may wish to create something totally unique, perhaps something specific to a particular project, such as signage to facilitate the restrictions and safety guidelines within the train. Whatever may be required, our in-house design team has skills and experience to turn ideas into reality.

From an initial concept, detailed drawing, or computer file, our design team prepares a flooring design that is transferred electronically to the cutting machines. These computer-controlled machines represent state-of-the-art cutting technology and produce precision cut items accurate to a fraction of a millimetre.

The pattern is inlaid and, importantly, retains all the performance characteristics of the original product. Whether it is a complete rail layout in floor covering, a company logo, signage or thematic design, the possibilities are limitless.

marmoleum® FR²

marmoleum® walton FR²

Presenting the pure character of linoleum. The solid identity of Marmoleum Walton FR² with its smooth surface and minimal, unpretentious material expression makes it the ultimate and pure representative of our linoleum flooring. Its plain visual makes Walton FR² easily adaptable to the context it is used in, and the subtle texture gives it a soft and natural look.



marmoleum® piano FR²

Piano is the Italian word for gently, plain, smooth or soft. In our Marmoleum Piano FR² design a subtle soft fibre feel is combined with a plain background creating a semi-plain design with dirt hiding properties. The perfect alternative for those who love the minimal and plain aesthetics of our Walton range but require soil hiding properties.



marmoleum® concrete FR²

The solid marble design of Marmoleum Concrete FR² differentiates itself from the classic Marmoleum FR² flooring with its subtle concrete structure. The color palette is neutral with both warm and cool tones, yet with an extension of 6 bright colours for creating a powerful accent in your floor design.



marmoleum® fresco FR²

Fresco FR² has a strong palette of subtly blended tone-on-tone items, each creating a fresh, delicate and balanced aesthetic. The soft contrast of its refined marbled structure gives a gentle feel which sets the stage for calm and soothing interiors. The softness of Fresco FR² enables it to sit well next to all other marbled items.



marmoleum® real FR²

Real FR² is our classic aesthetic, consisting of many carefully selected individual colour tones that combine to create beautifully graded colours, from warm neutrals and calm greys to exciting brights and trend led shades. Developed to create choice, Real FR² can be mixed together or combined with other Marmoleum designs to provide more imaginative compositions



marmoleum® vivace FR²

Vivace FR² is our liveliest and most outspoken aesthetic made with six to eight tones in each colourway. The differentiated elements combine to create a chameleon-like product that adapts well to a multitude of interiors, co-ordinating easily with many other surface finishes and colours. The high-contrast construction of Vivace FR² makes it a smart choice for areas prone to soiling, where the superior appearance retention of the product is valued.



MARMOLEUM FR² REFERENCES BY DESIGN

Real FR ²	Fresco FR ²	Vivace FR ²	Walton FR ²	Concrete FR ²	Piano FR ²
6R2499 sand	6R2939 black	6R3403 Asian tiger	6R3323 black	6R3702 liquid clay	6R3601 warm grey
6R2621 dove grey	6R3125 golden sunset	6R3411 sunny day	6R3352 Berlin red	6R3703 comet	6R3607 grey dusk
6R2629 eiger	6R3126 Kyoto	6R3413 green melody	6R3353 eggplant purple	6R3704 satellite	6R3629 frosty grey
6R2713 calico	6R3131 scarlet	6R3407 donkey island	6R3355 rosemary green	6R3705 meteorite	6R3630 angora
6R2767 rust	6R3139 lava	6R3405 Granada	6R3358 petrol	6R3706 beton	6R3631 otter
6R3030 blue	6R3203 henna	6R3420 surprising storm	6R3359 bottle green	6R3708 fossil	6R3634 meadow
6R3032 mist grey	6R3246 shrike	6R3421 oyster mountain	6R3360 vintage blue	6R3709 silt	6R3642 periwinkle
6R3038 Caribbean	6R3247 green	6R3426 cork tree	6R3367 alloy	6R3712 orange shimmer	6R3645 Neptune blue
6R3048 graphite	6R3251 lemon zest	6R3427 agate	6R3369 titanium	6R3723 nebula	6R3647 nettle green
6R3053 dove blue	6R3252 sparrow		6R3370 terracotta	6R3724 orbit	6R3650 polar bear
6R3055 fresco blue	6R3254 clay		6R3371 cement	6R3725 cosmos	
6R3075 shell	6R3257 edelweiss		6R3374 cobalt grey	6R3727 drift	
6R3120 rosato	6R3259 mustard		6R3375 grey adobe	6R3732 asteroid	
6R3123 arabesque	6R3260 leaf		6R3376 peat	6R3733 yellow shimmer	
6R3127 Bleeckerstreet	6R3261 marine		6R3377 North Sea	6R3736 green shimmer	
6R3136 concrete	6R3262 marigold		6R3378 stucco	6R3750 pine forest	
6R3137 slate grey	6R3263 rose			6R3749 Arctic	
6R3141 Himalaya	6R3264 Greek blue			6R3751 tundra	
6R3146 serene grey	6R3265 avocado			6R3752 Taiga	
6R3173 Van Gogh	6R3266 lilac			6R3753 blue ice	
6R3174 Sahara	6R3267 aqua			6R3754 Sirius	
6R3219 spa	6R3269 turquoise			6R3755 glacier	
6R3224 chartreuse	6R3271 hunter green			6R3756 Neptune	
6R3225 dandelion	6R3273 ruby			6R3757 Pluto	
6R3232 horse roan	6R3825 African desert			6R3758 shale	
6R3233 shitake	6R3828 blue heaven			6R3759 Mercury	
6R3234 forest ground	6R3846 natural corn			6R3760 dust	
6R3236 dark bistre	6R3858 Barbados			6R3761 Titan	
6R3268 honey suckle	6R3860 silver shadow			6R3762 loam	
6R3270 violet	6R3861 Arabian pearl			6R3763 blue shimmer	
6R3272 plum	6R3866 eternity				
6R3847 golden saffron	6R3872 volcanic ash				
6R3881 green wellness	6R3874 walnut				
	6R3883 moonstone				
	6R3885 spring buds				
	6R3889 cinder				
	6R3890 oat				
	6R3891 sage				

marmoleum® FR²

fresco FR² | real FR² | vivace FR² | walton FR² | concrete FR² | piano FR²



6R3733 | yellow shimmer

LRV 42%



6R3846 | natural corn LRV 56%



6R3251 | lemon zest LRV 52%



6R3038 | Caribbean LRV 55%



6R3411 | sunny day LRV 45%



6R3225 | dandelion LRV 46%



6R3075 | shell

LRV 44%



6R3173 | Van Gogh LRV 46%



6R3125 | golden sunset LRV 38%



6R3712 | orange shimmer

LRV 31%



6R3732 | asteriod LRV 45%



6R3266 | lilac

LRV 37%



6R3407 | donkey island

LRV 36%



6R3847 | golden saffron LRV 41%



6R3262 | marigold LRV 34%



6R3268 | honey suckle LRV 33%



6R3053 | dove blue LRV 27%



6R3403 | Asian tiger LRV 29%



6R3174 | Sahara LRV 29%



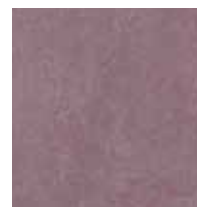
6R2767 | rust LRV 19%



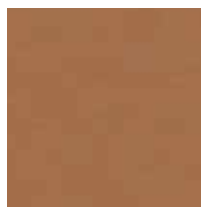
6R3126 | Kyoto LRV 18%



6R3263 | rose LRV 17%



6R3123 | arabesque LRV 23%



6R3370 | terracotta LRV 18%



6R3352 | Berlin red LRV 10%



6R3131 | scarlet LRV 13%



6R3127 | Bleeckerstreet LRV 9%



6R3272 | plum LRV 13%

6R3203 | henna LRV 11%

6R3273 | ruby LRV 10%

6R3353 | eggplant purple LRV 8%



6R3763 | blue shimmer LRV 29%



6R3881 | green wellness LRV 51%



6R3885 | spring buds LRV 46%



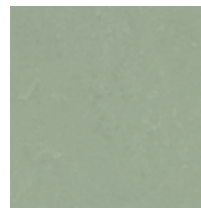
6R3267 | aqua LRV 39%



6R3828 | blue heaven LRV 34%



6R3753 | blue ice LRV 30%



6R3750 | pine forest LRV 31%



6R3736 | green shimmer LRV 15%



6R3634 | meadow LRV 43%



6R3269 | turquoise LRV 28%



6R3219 | spa LRV 32%



6R3891 | sage LRV 31%



6R3260 | leaf LRV 27%



6R3265 | avocado LRV 31%



6R3259 | mustard LRV 38%



6R3642 | periwinkle LRV 24%



6R3360 | vintage blue LRV 29%



6R3355 | rosemary green LRV 21%



6R3413 | green melody LRV 34%



6R3224 | chartreuse LRV 38%



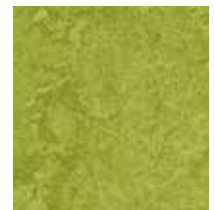
6R3270 | violet LRV 17%



6R3055 | fresco blue LRV 23%



6R3751 | tundra LRV 24%



6R3247 | green LRV 23%



6R3264 | Greek blue LRV 17%



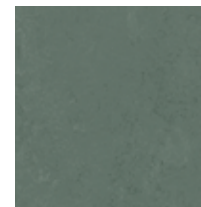
6R3645 | Neptune blue LRV 15%



6R3377 | North Sea blue LRV 18%



6R3756 | Neptune LRV 18%



6R3752 | taiga LRV 16%



6R3647 | nettle green LRV 24%



6R3030 | blue LRV 12%



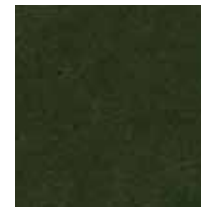
6R3754 | Sirius LRV 12%



6R3261 | marine LRV 8%



6R3358 | petrol LRV 9%



6R3359 | bottle green LRV 7%



6R3271 | hunter green LRV 13%

marmoleum® FR²

fresco FR² | real FR² | vivace FR² | walton FR² | concrete FR² | piano FR²



6R3858 | Barbados LRV 65%



6R3120 | rosato LRV 51%



6R3257 | edelweiss LRV 58%



6R2713 | calico LRV 53%



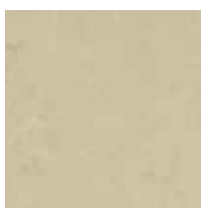
6R2499 | sand LRV 56%

Description	Linoleum sheet	
Dimensions	EN ISO 24341	Roll width 2.0m Roll length ≤ 33m
Total thickness	EN ISO 24346	2.5mm
Total weight	EN ISO 23997	approx. 2900 g/m ²
Collection size	136	
Acoustical impact sound reduction	EN-ISO 717-2	ΔLw = <5 dB
Tested flammability standard	EN 45545-2	HL2
Slip resistance	EN 13893	μ ≥ 0.30
Body voltage	EN 1815	≤ 2 kV
Thermal conductivity	EN 12524	0.17 W/m·K

Full technical specifications are available on page 69.



6R3861 | Arabian pearl LRV 50%



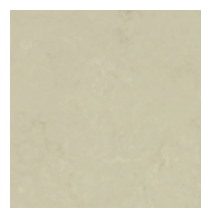
6R3761 | titan LRV 41%



6R3757 | Pluto LRV 51%



6R3378 | stucco LRV 43%



6R3758 | shale LRV 41%



6R3141 | Himalaya LRV 40%



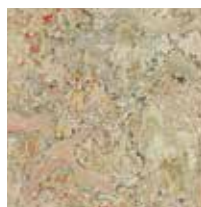
6R3727 | drift LRV 31%



6R3630 | angora LRV 37%



6R3760 | dust LRV 38%



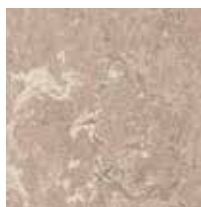
6R3427 | agate LRV 39%



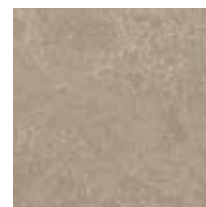
6R3890 | oat LRV 31%



6R3234 | forest ground LRV 33%



6R3232 | horse roan LRV 40%



6R3252 | sparrow LRV 29%



6R3724 | orbit LRV 37%



6R3708 | fossil LRV 34%



6R3759 | Mercury LRV 28%



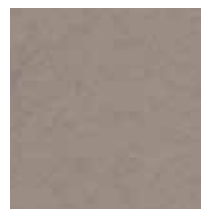
6R3405 | Granada LRV 28%



6R3709 | silt LRV 22%



6R3246 | shrike LRV 21%



6R3702 | liquid clay LRV 23%



6R3233 | shitake LRV 23%



6R3631 | otter LRV 20%



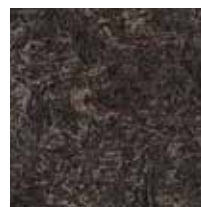
6R3426 | cork tree LRV 16%



6R3254 | clay LRV 17%



6R3874 | walnut LRV 11%



6R3236 | dark bistre LRV 7%



6R3749 | Arctic LRV 60%



6R3650 | polar bear LRV 59%



6R3860 | silver shadow LRV 48%



6R3629 | frosty grey LRV 49%



6R3883 | moonstone LRV 45%



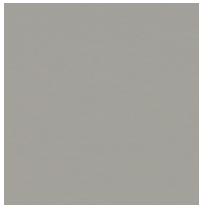
6R3032 | mist grey LRV 42%



6R3136 | concrete LRV 47%



6R3369 | titanium LRV 48%



6R3371 | cement LRV 30%



6R3601 | warm grey LRV 32%



6R2621 | dove grey LRV 36%



6R3889 | cinder LRV 30%



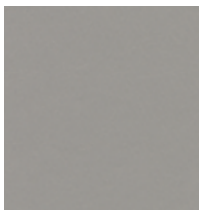
6R3706 | beton LRV 28%



6R3146 | serene grey LRV 27%



6R3762 | loam LRV 20%



6R3367 | alloy LRV 25%



6R3420 | surprising storm LRV 31%



6R3755 | glacier LRV 33%



6R3725 | nebula LRV 17%



6R3421 | oyster mountain LRV 17%



6R3866 | eternity LRV 21%



6R2629 | eiger LRV 19%



6R3704 | satellite LRV 23%



6R3705 | meteorite LRV 16%



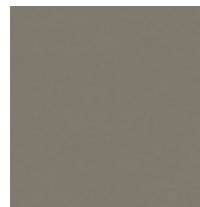
6R3723 | cosmos LRV 9%



6R3139 | lava LRV 9%



6R3048 | graphite LRV 14%



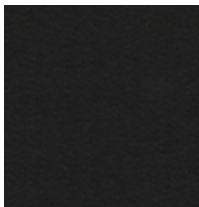
6R3375 | grey adobe LRV 17%



6R3137 | slate grey LRV 16%



6R3703 | comet LRV 14%



6R3323 | black LRV 4%



6R2939 | black LRV 5%



6R3872 | volcanic ash LRV 10%



6R3374 | cobalt grey LRV 7%



6R3607 | grey dusk LRV 11%



6R3376 | peat LRV 11%



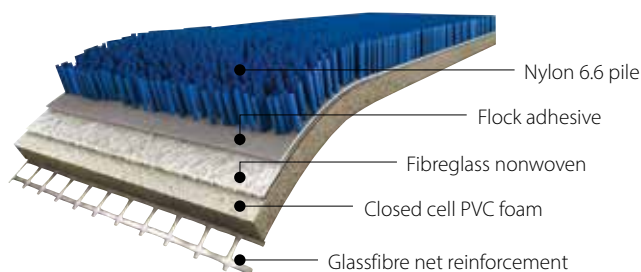
Flotex Vision FR is a unique, textile, flocked floor covering, combining the cleaning properties and durability of a resilient flooring with the comfort, slip resistance and acoustic properties usually associated with textiles.

- High definition print offers you complete freedom of design
- Bespoke design service
- Lightweight approximately 1225 gram/m²
- Easy to clean
- Impervious backing makes it suitable for wet cleaning
- Excellent acoustic properties up to 22 dB
- Slip resistance > 0.30
- Durable construction: using Nylon 6.6
- Dimensionally stable
- Improved indoor air quality (independently proven by Allergy UK)
- Easy to repair any damaged areas
- Ortho-phthalate free
- Cut to size/shape option
- Reaction to fire EN 45545-2 : HL2

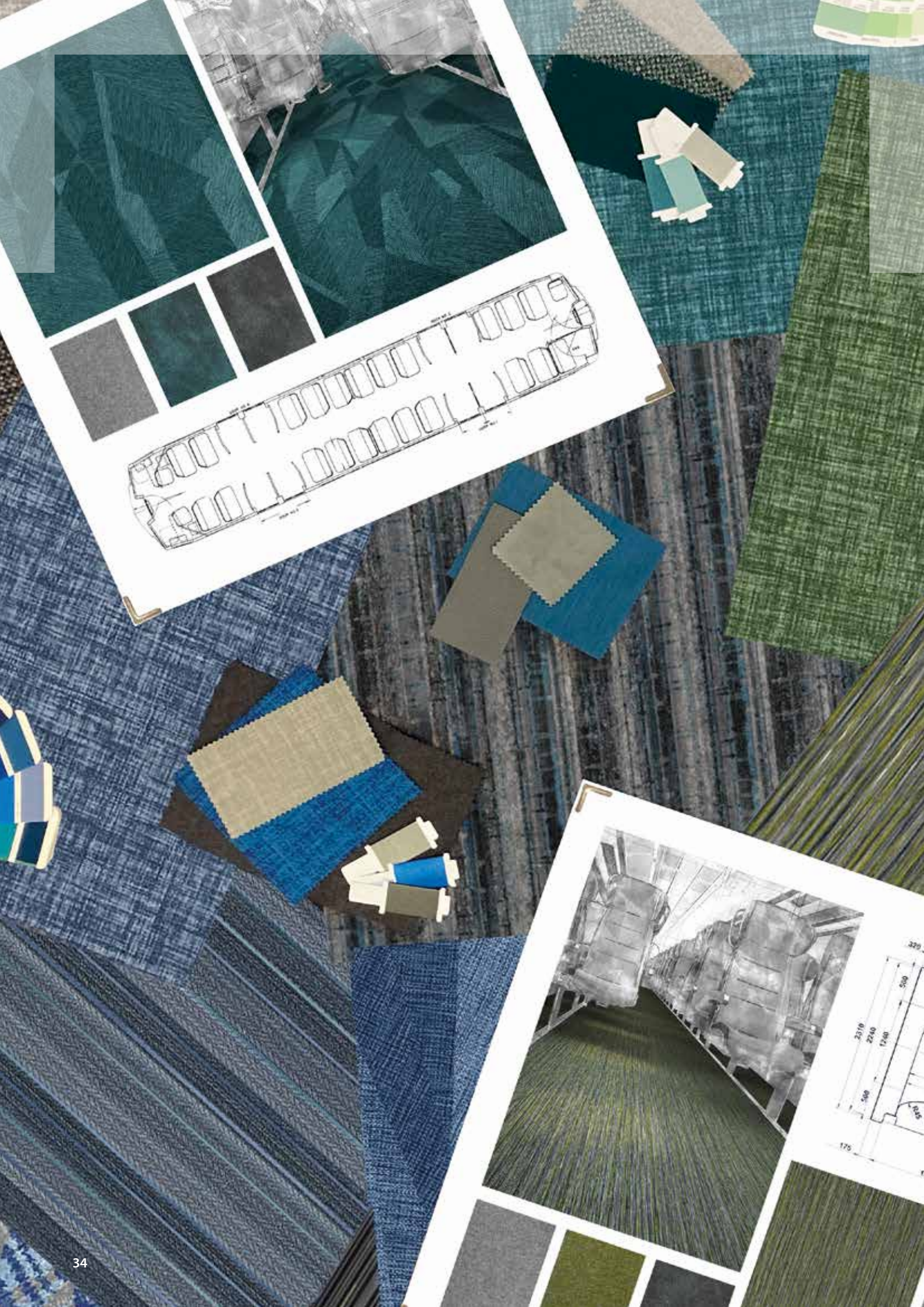


Flotex Vision FR is digitally printed. Its high-definition quality and specialist printing technology allow for large pattern repeats and vivid lifelike colours. Thus creating ultimate design flexibility.

Flotex Vision FR construction



Please ensure that 'FR' is clearly noted on all orders.



READY-MADE STYLE OR CUSTOM-CREATED BRILLIANCE?

As Flotex Vision FR flocked flooring has up to 80 million fibres per square metre, it provides a matt high-density substrate for printing, enabling vibrant designs and true to life visuals that can be produced in high level photographic resolution.



We can colour match to physical samples or to specific colour references such as NCS, RAL or Pantone.



Our bespoke design service offers limitless possibilities, enabling you to create something truly unique.



Browse and bring your vision to life with our curated collection of ready-made flooring patterns. offered to you in a flexible and always up-to-date digital library:
www.forbo-flooring.com/rail-flotex-vision-fr



Scan the QR code to view the full collection



WHY NOT CREATE A CUSTOM COLOURWAY OR A BESPOKE DESIGN

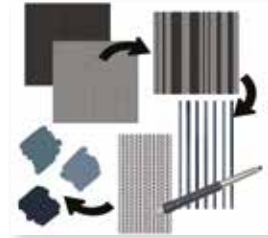
Create your own masterpiece using our custom design service alongside our high definition printing technology. Our experienced designers can help at any stage in the design process, depending on what involvement you require.

If you are looking for design ideas, re-colouration of existing designs or help with the development of a unique design that works perfectly with your rail interior design scheme, then we have the resource to help.



1

DESIGN BRIEF AND SAMPLES SENT IN VIA YOUR LOCAL FORBO REPRESENTATIVE.



2

FORBO DESIGN TEAM DEVELOP THE DESIGN.



3

MATCHING ANY PANTONE/NCS/RAL OR MATERIAL SAMPLES SUPPLIED.



4

GRAPHIC DESIGN CREATED TO ENSURE THAT THE BRIEF IS FULFILLED.



5

PHYSICAL SAMPLE PRODUCED AND SENT FOR APPROVAL. DISPATCHED WITHIN 10 WORKING DAYS.



6

ONCE ALL APPROVED, THE ORDER CAN THEN BE PRODUCED.

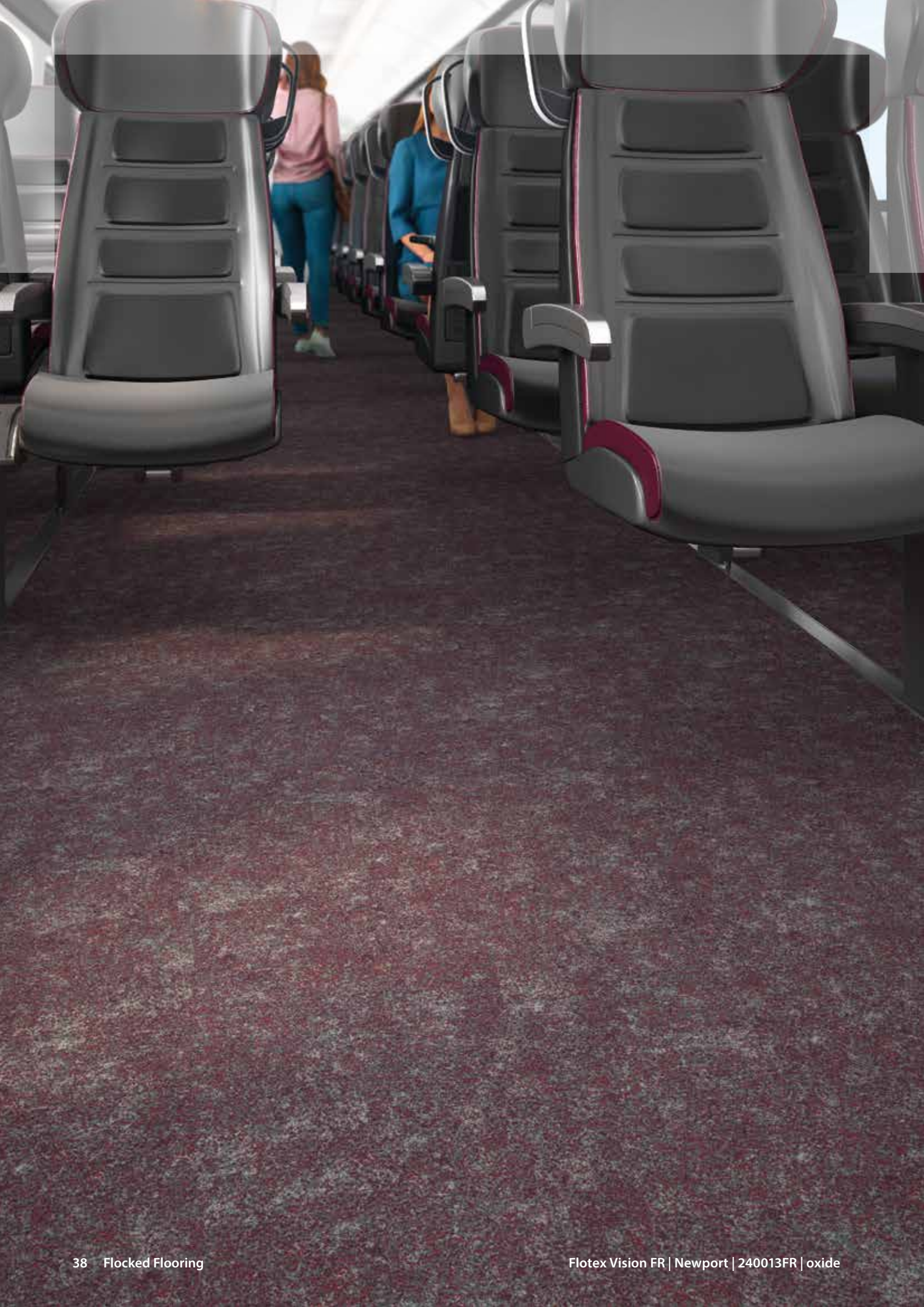
Our experienced designers can help you at any stage of the design process, depending on the level of involvement you require. Whether you seek assistance in developing initial design concepts or refining digital visuals, **our team is dedicated to bringing your unique masterpiece to life.**





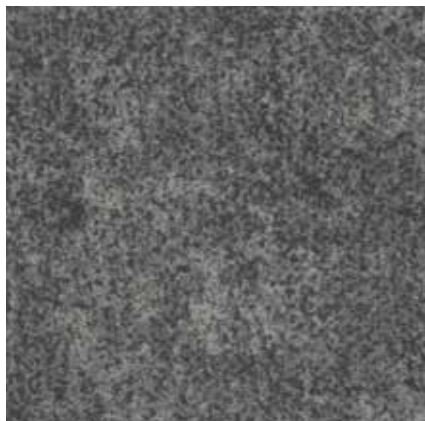
FLOTEX VISION FR OFFERS REAL
DESIGN FREEDOM

FLOTEX VISION FR FLOCKED FLOORING



flotex® vision FR

Newport



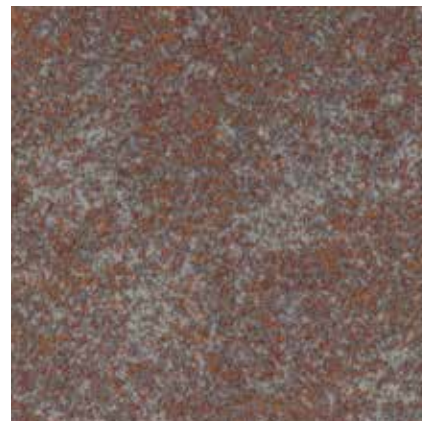
240006FR | tin

LRV 9%



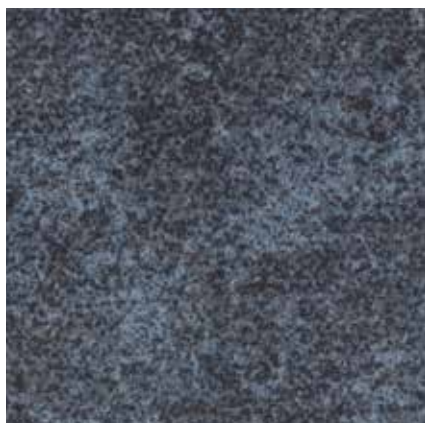
240010FR | alloy

LRV 5%



240011FR | copper

LRV 6%



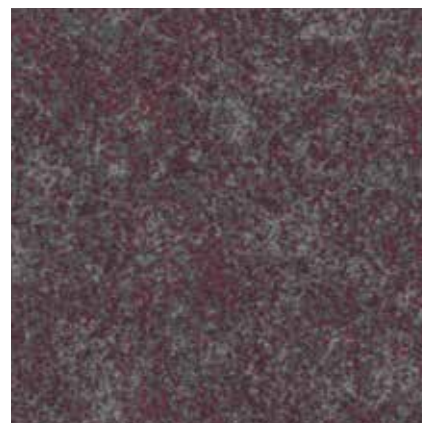
240008FR | lead

LRV 7%



240007FR | cobalt

LRV 6%



240013FR | oxide

LRV 5%



240012FR | nickel

LRV 5%



240009FR | slate

LRV 4%

Description	Flocked flooring	
Dimensions	EN-ISO 24341	Roll width 2m Roll length ≤ 30m
Total thickness	ISO 1765	3.3mm
Total weight	ISO 8543	1225 g/m ²
Collection size	8	
Area of use	Heavy Use	
Impact noise reduction	EN-ISO 717-2	ΔLw = ≥ 22 dB
Tested flammability standard	EN 45545-2	HL2*
Slip resistance	EN 13893	μ ≥ 0.30
Body voltage	ISO 6356	< 2 kV
Thermal resistance	ISO 8302	0.041 m ² .K/W

**EN45545-2 testing has been carried out on various different substrates. This is the highest achieved result. Please ask for a full overview of specific results on different substrates by emailing transport@forbo.com*

Please note: Digital representations may vary from actual product. Please order a physical sample to see the full effect by emailing: transport@forbo.com

Full technical specifications are available on page 70.



flotex[®] vision FR

Reflect



273001FR | silvermist

LRV 12%



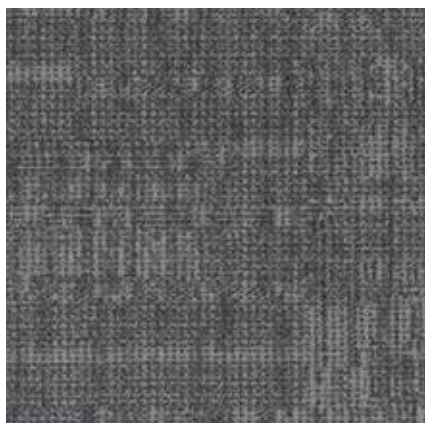
273004FR | ultramarine

LRV 8%



273002FR | caribbean sea

LRV 7%



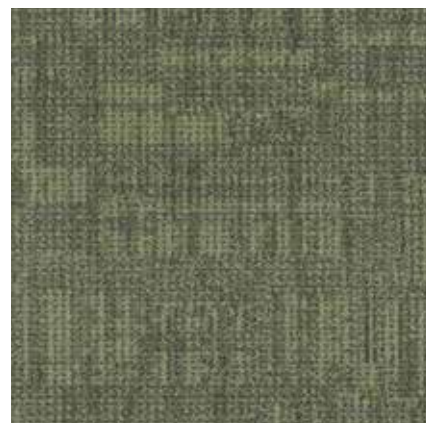
273003FR | grey dawn

LRV 7%



273006FR | blue lagoon

LRV 7%



273008FR | green bay

LRV 7%



273007FR | black sea

LRV 4%



273005FR | jagged ice

LRV 6%

Description	Flocked flooring	
Dimensions	EN-ISO 24341	Roll width 2m Roll length ≤ 30m
Total thickness	ISO 1765	3.3mm
Total weight	ISO 8543	1225 g/m ²
Collection size	8	
Area of use	Heavy Use	
Impact noise reduction	EN-ISO 717-2	ΔLw = ≥ 22 dB
Tested flammability standard	EN 45545-2	HL2*
Slip resistance	EN 13893	μ ≥ 0.30
Body voltage	ISO 6356	< 2 kV
Thermal resistance	ISO 8302	0.041 m ² .K/W

**EN45545-2 testing has been carried out on various different substrates. This is the highest achieved result. Please ask for a full overview of specific results on different substrates by emailing transport@forbo.com*

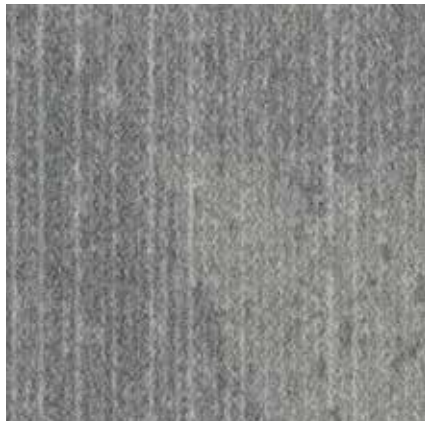
Please note: Digital representations may vary from actual product. Please order a physical sample to see the full effect by emailing: transport@forbo.com

Full technical specifications are available on page 70.



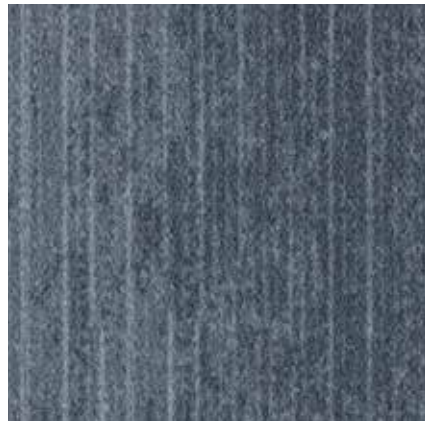
flotex® vision FR

Latitude



202006FR | chromite

LRV 15%



202008FR | jasper

LRV 8%



202011FR | amethyst

LRV 5%



202010FR | basalt

LRV 6%



202007FR | topaz

LRV 5%



202013FR | cinnabar

LRV 5%



202012FR | obsidian

LRV 3%



202009FR | lapis

LRV 5%

Description	Flocked flooring	
Dimensions	EN-ISO 24341	Roll width 2m Roll length ≤ 30m
Total thickness	ISO 1765	3.3mm
Total weight	ISO 8543	1225 g/m ²
Collection size	8	
Area of use	Heavy Use	
Impact noise reduction	EN-ISO 717-2	ΔLw = ≥ 22 dB
Tested flammability standard	EN 45545-2	HL2*
Slip resistance	EN 13893	μ ≥ 0.30
Body voltage	ISO 6356	< 2 kV
Thermal resistance	ISO 8302	0.041 m ² .K/W

**EN45545-2 testing has been carried out on various different substrates. This is the highest achieved result. Please ask for a full overview of specific results on different substrates by emailing transport@forbo.com*

Please note: Digital representations may vary from actual product. Please order a physical sample to see the full effect by emailing: transport@forbo.com

Full technical specifications are available on page 70.



Tessera Layout FR and Outline FR, loop pile carpets are meticulously crafted to uphold their aesthetic even in high traffic environments such as rail vehicles interiors.

The dynamic colour palette of Tessera Layout FR is hugely versatile featuring a choice of modern neutrals in combination with diverse and directional brighter shades. Colours can be used independently or in combination to achieve a myriad of interior styles.

Tessera Outline FR is a subtly textured striped carpet with each colourway perfectly matched to two Tessera Layout FR colours. Combinations of Tessera Outline and Layout FR allow for design creativity, creating connections, highlights and transitions enhancing the interior of any rail vehicle.

- **Durability and appearance retention, made from 100% nylon**
- **Flexibility for colourisation**
- **Slip resistance**
- **Reaction to fire EN 45545-2 : HL2**
- **Cut to size/shape option**
- **Available with different backing options for quicker installation**

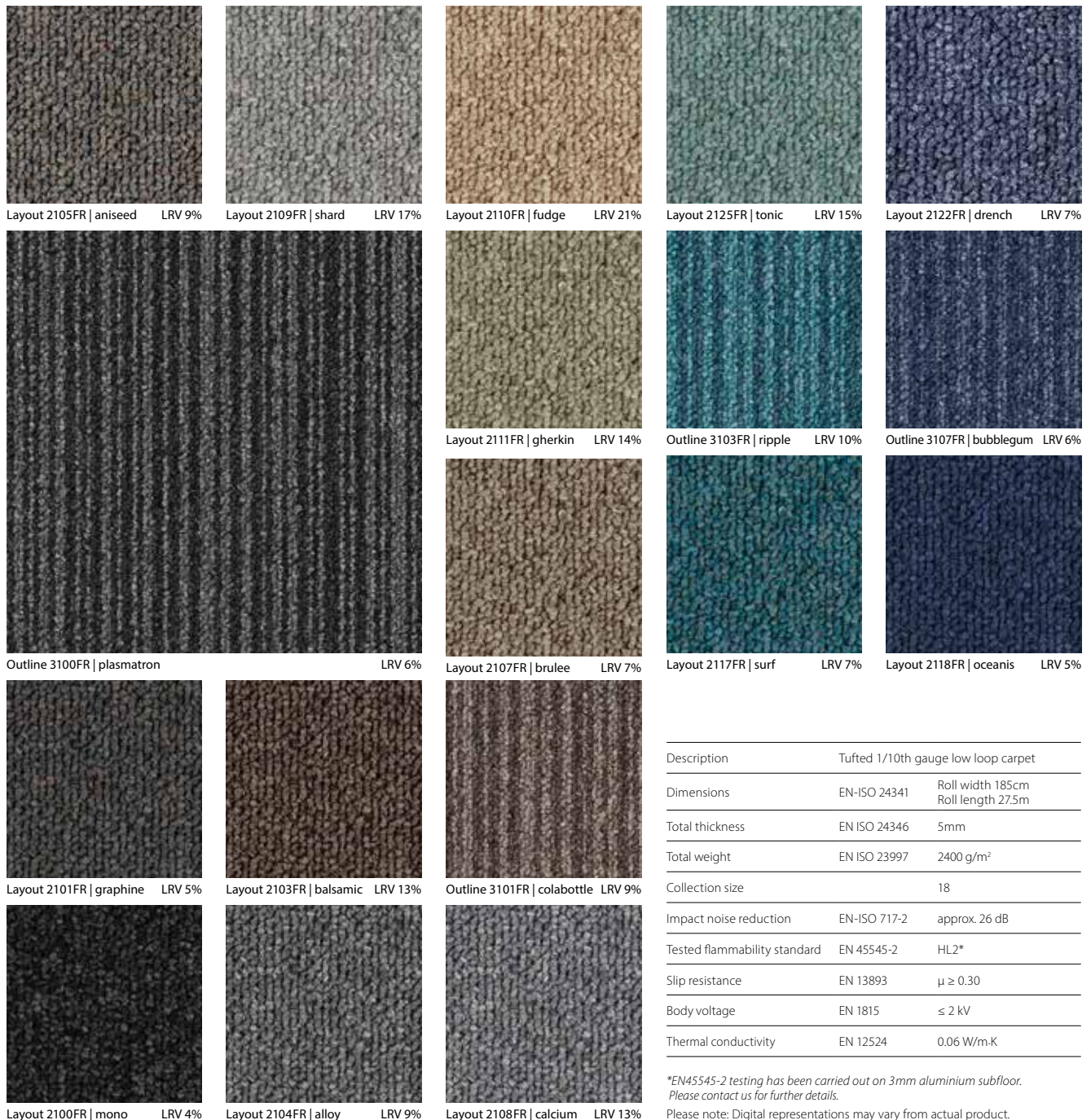
Please ensure that 'FR' is clearly noted on all orders.





tessera[®] layout | outline FR

A contemporary collection of plain and striped designs which offer a multitude of creative and inspiring combinations for rail vehicle interiors. Tessera Layout and Outline FR is available in 18 colours.



Description	Tufted 1/10th gauge low loop carpet	
Dimensions	EN-ISO 24341	Roll width 185cm Roll length 27.5m
Total thickness	EN ISO 24346	5mm
Total weight	EN ISO 23997	2400 g/m ²
Collection size	18	
Impact noise reduction	EN-ISO 717-2	approx. 26 dB
Tested flammability standard	EN 45545-2	HL2*
Slip resistance	EN 13893	μ ≥ 0.30
Body voltage	EN 1815	≤ 2 kV
Thermal conductivity	EN 12524	0.06 W/m.K

*EN45545-2 testing has been carried out on 3mm aluminium subfloor. Please contact us for further details.

Please note: Digital representations may vary from actual product. Please order a physical sample to see the full effect by emailing: transport@forbo.com

Full technical specifications are available on page 71.



Designed specifically for rail interiors Coral Move Vision FR is an exceptionally versatile, premium cut pile carpet solution offering extensive design possibilities and colourways to complement a wide range of interior design schemes.

Coral Move Vision FR is a luxurious made-to-order floor covering, manufactured from 100% regenerated Econyl yarn, that offers the aesthetic styling, durability and long-lasting appearance retention required for heavily trafficked carriage interiors.

Coral Move Vision FR uses a digital printing process. This allows for far greater customisation possibilities in terms of design and colour. The digital printing process makes non-linear type designs possible, is perfect for more complicated designs or when there are many different colourways within a design. Pantone and RAL colours can be matched.

- **Extensive customisation possibilities, high definition digital printing**
- **Premium cut-pile carpet specification achieves luxurious ambience and underfoot comfort**
- **Durability and appearance retention due to 100% nylon construction**
- **Made with Econyl 100% regenerated Nylon**
- **Natural latex backing from rapidly renewable source**
- **Carpet pile density delivers slip resistance and outstanding acoustic properties**
- **Ease of maintenance due to open cut pile construction**
- **Reaction to fire EN 45545-2: HL2**
- **Available with different backing options for quicker installation**

Please ensure that 'FR' is clearly noted on all orders.





coral[®] move vision FR

Landscape



88941 | pumice LRV 10%



88945 | zinc LRV 8%



88948 | viridian LRV 9%



88944 | gritstone LRV 10%



88947 | titanium LRV 5%



88946 | terracotta LRV 11%



88940 | flint LRV 3%

Description	Tufted cut pile carpet	
Dimensions	EN-ISO 24341	Roll width 185cm Roll length customisable to 27.5lm
Total thickness	ISO 1765	8mm ± 10%
Collection size	7	
Pile installation weight	1090g/m ²	
Yarn	100% polyamide BCF ECONYL [®]	
Area of use	Heavy Use	
Impact noise reduction	EN-ISO 717-2	ΔLw = ≥ 29 dB
Tested flammability standard	EN 45545-2	HL2*
Slip resistance	EN 13893	μ ≥ 0.30
Body voltage	ISO 6356	< 2 kV
Thermal resistance	ISO 8302	0.108 m ² .K/W

*EN45545-2 testing has been carried out on various different substrates/adhesives. These are the highest achieved results. Please ask for a full overview of specific results on different substrates by emailing transport@forbo.com

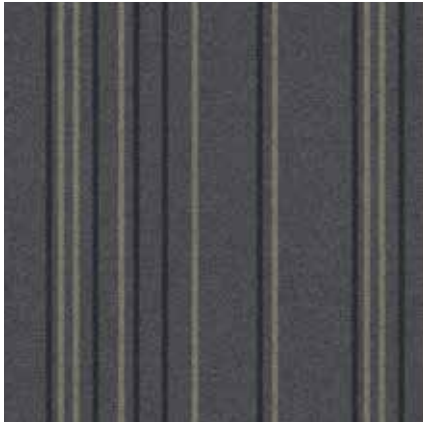
Please note: Digital representations may vary from actual product. Please order a physical sample to see the full effect by emailing: transport@forbo.com

Full technical specifications are available on page 72.



coral[®] move vision FR

Lines



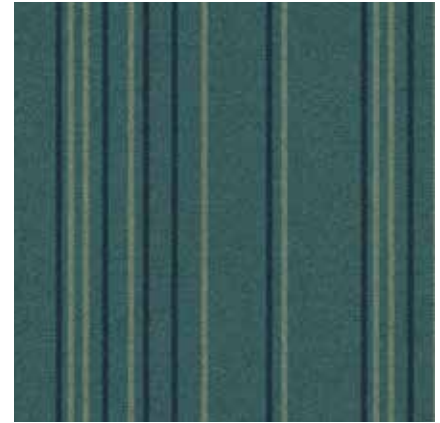
88901 | concrete

LRV 5%



88906 | clay

LRV 7%



88908 | emerald

LRV 5%



88904 | pebble

LRV 6%



88905 | steel

LRV 6%



88903 | brick

LRV 4%



88910 | anthracite

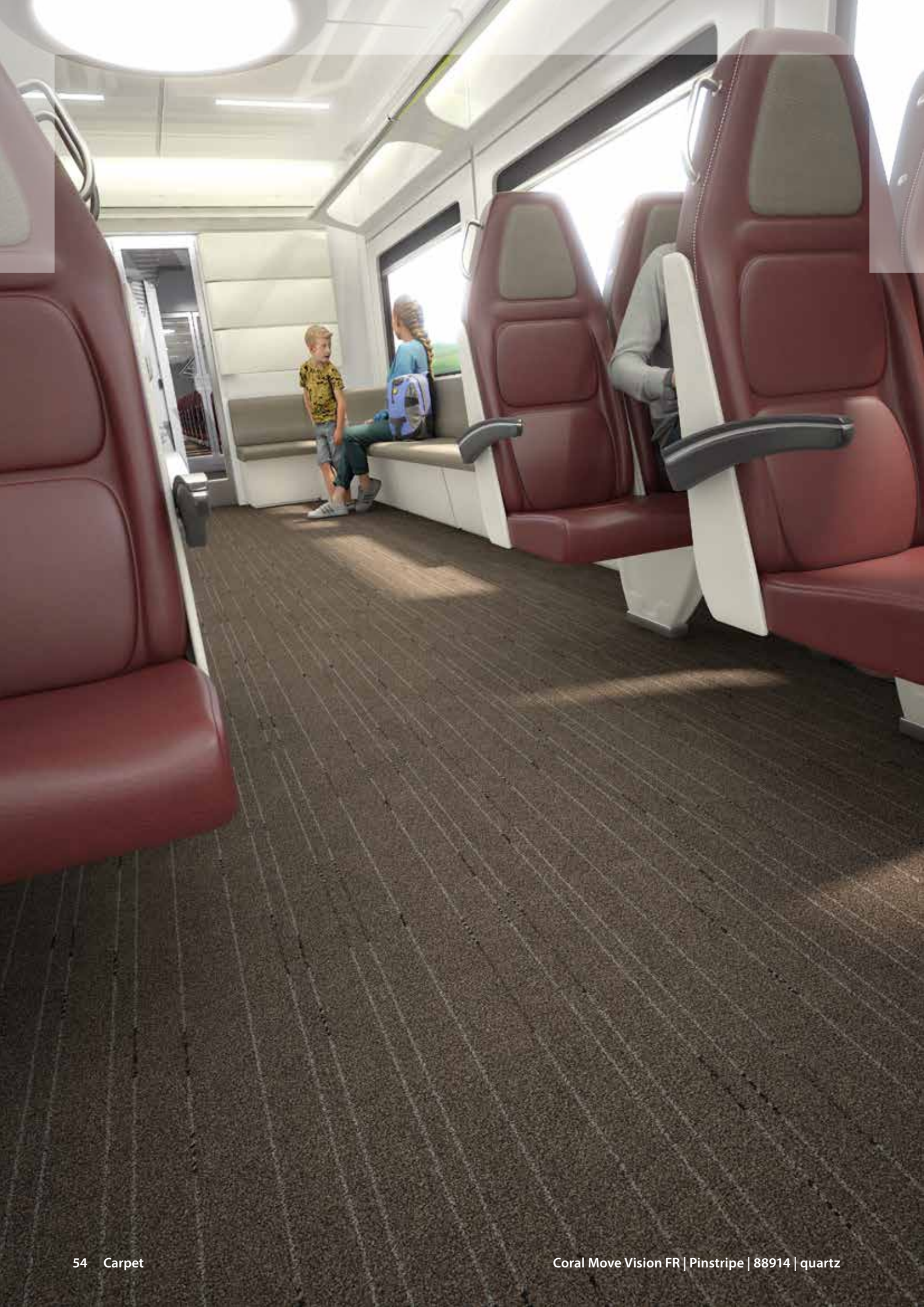
LRV 2%

Description	Tufted cut pile carpet	
Dimensions	EN-ISO 24341	Roll width 185cm Roll length customisable to 27.5lm
Total thickness	ISO 1765	8mm ± 10%
Collection size	7	
Pile installation weight	1090g/m ²	
Yarn	100% polyamide BCF ECONYL [®]	
Area of use	Heavy Use	
Impact noise reduction	EN-ISO 717-2	ΔLw = ≥ 29 dB
Tested flammability standard	EN 45545-2	HL2*
Slip resistance	EN 13893	μ ≥ 0.30
Body voltage	ISO 6356	< 2 kV
Thermal resistance	ISO 8302	0.108 m ² .K/W

*EN45545-2 testing has been carried out on various different substrates/adhesives. These are the highest achieved results. Please ask for a full overview of specific results on different substrates by emailing transport@forbo.com

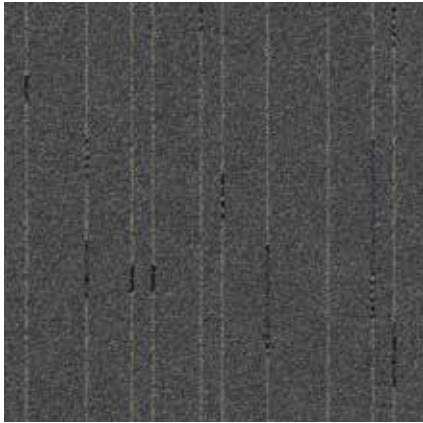
Please note: Digital representations may vary from actual product. Please order a physical sample to see the full effect by emailing: transport@forbo.com

Full technical specifications are available on page 72.



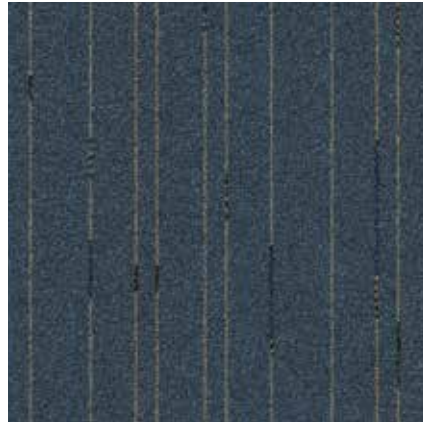
coral[®] move vision FR

Pinstripe



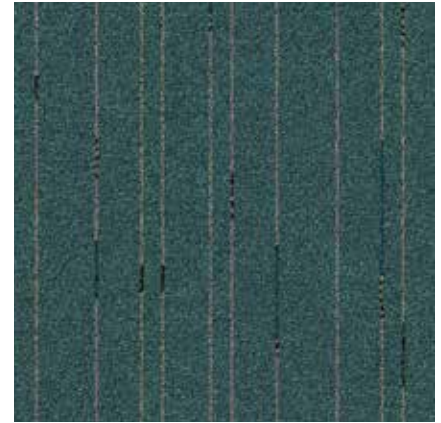
88911 | slate

LRV 7%



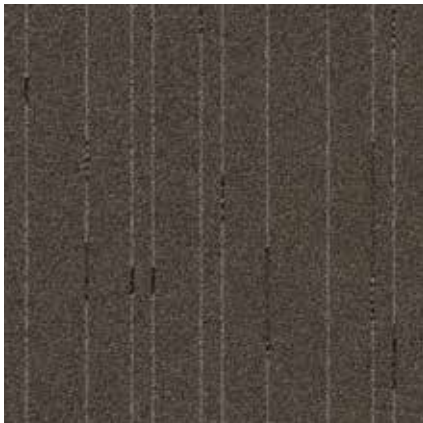
88915 | zircon

LRV 5%



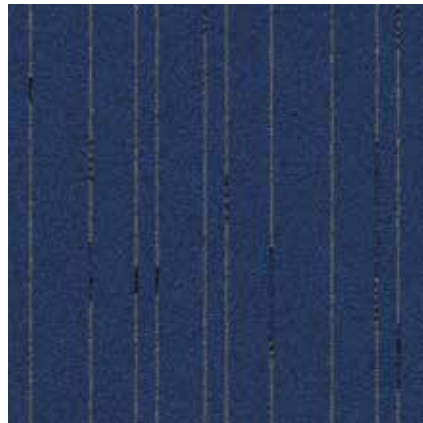
88918 | malachite

LRV 6%



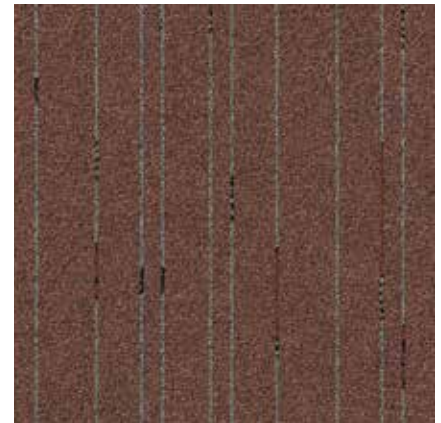
88914 | quartz

LRV 6%



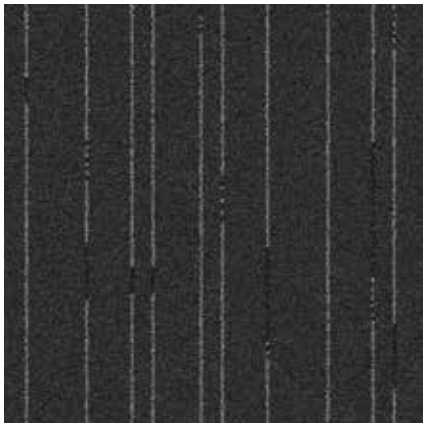
88917 | sapphire

LRV 3%



88916 | citrine

LRV 6%



88920 | jet

LRV 2%

Description	Tufted cut pile carpet	
Dimensions	EN-ISO 24341	Roll width 185cm Roll length customisable to 27.5lm
Total thickness	ISO 1765	8mm ± 10%
Collection size	7	
Pile installation weight	1090g/m ²	
Yarn	100% polyamide BCF ECONYL [®]	
Area of use	Heavy Use	
Impact noise reduction	EN-ISO 717-2	ΔLw = ≥ 29 dB
Tested flammability standard	EN 45545-2	HL2*
Slip resistance	EN 13893	μ ≥ 0.30
Body voltage	ISO 6356	< 2 kV
Thermal resistance	ISO 8302	0.108 m ² .K/W

*EN45545-2 testing has been carried out on various different substrates/adhesives. These are the highest achieved results. Please ask for a full overview of specific results on different substrates by emailing transport@forbo.com

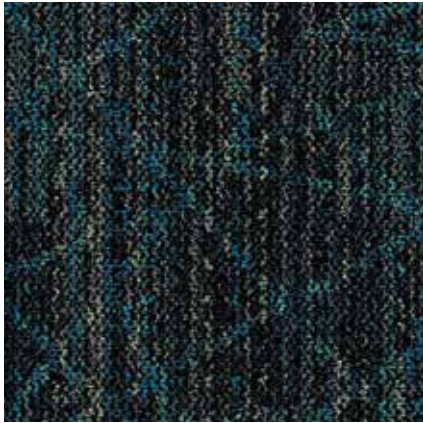
Please note: Digital representations may vary from actual product. Please order a physical sample to see the full effect by emailing: transport@forbo.com

Full technical specifications are available on page 72.



coral[®] move vision FR

Plexus



88928 | krypton

LRV 3%



88927 | cobalt

LRV 3%



88926 | copper

LRV 3%



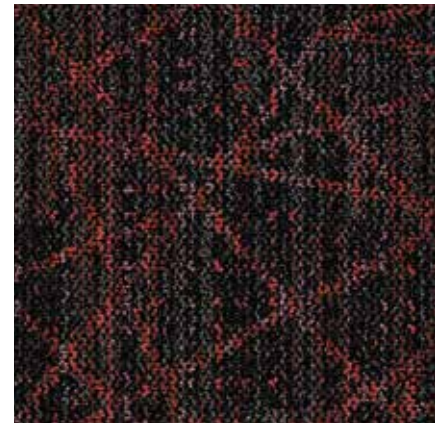
88924 | lithium

LRV 3%



88925 | argon

LRV 3%



88923 | carmine

LRV 3%



88921 | nickel

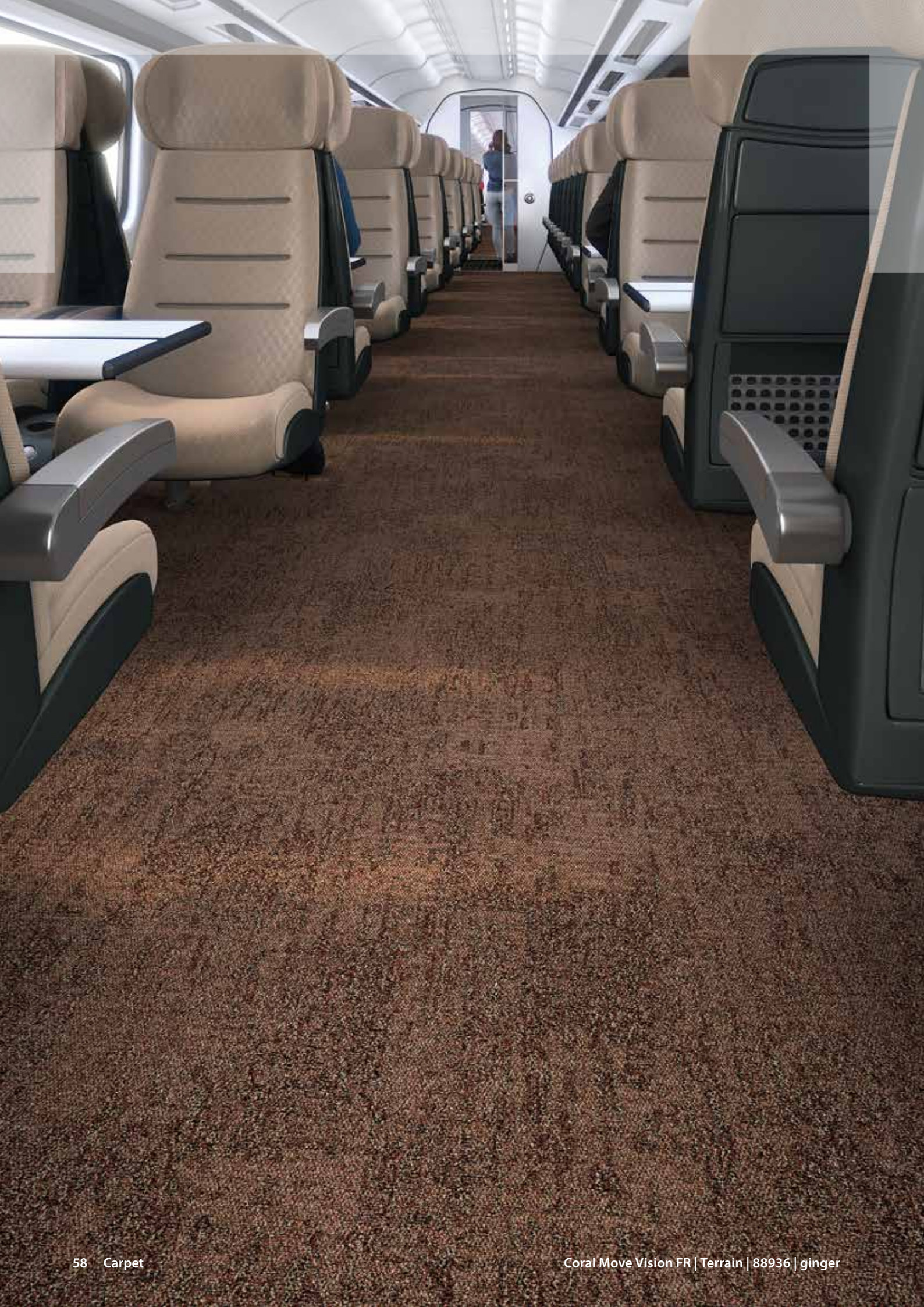
LRV 4%

Description	Tufted cut pile carpet	
Dimensions	EN-ISO 24341	Roll width 185cm Roll length customisable to 27.5lm
Total thickness	ISO 1765	8mm ± 10%
Collection size	7	
Pile installation weight	1090g/m ²	
Yarn	100% polyamide BCF ECONYL [®]	
Area of use	Heavy Use	
Impact noise reduction	EN-ISO 717-2	ΔLw = ≥ 29 dB
Tested flammability standard	EN 45545-2	HL2*
Slip resistance	EN 13893	μ ≥ 0.30
Body voltage	ISO 6356	< 2 kV
Thermal resistance	ISO 8302	0.108 m ² .K/W

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Full technical specifications are available on page 72.



coral[®] move vision FR

Terrain



88931 | granite

LRV 7%



88936 | ginger

LRV 8%



88938 | aquamarine

LRV 6%



88934 | stone

LRV 6%



88935 | glacier

LRV 6%



88933 | chromium

LRV 4%



88930 | charcoal

LRV 3%

Description	Tufted cut pile carpet	
Dimensions	EN-ISO 24341	Roll width 185cm Roll length customisable to 27.5lm
Total thickness	ISO 1765	8mm ± 10%
Collection size	7	
Pile installation weight	1090g/m ²	
Yarn	100% polyamide BCF ECONYL [®]	
Area of use	Heavy Use	
Impact noise reduction	EN-ISO 717-2	ΔLw = ≥ 29 dB
Tested flammability standard	EN 45545-2	HL2*
Slip resistance	EN 13893	μ ≥ 0.30
Body voltage	ISO 6356	< 2 kV
Thermal resistance	ISO 8302	0.108 m ² .K/W

*EN45545-2 testing has been carried out on various different substrates/adhesives. These are the highest achieved results. Please ask for a full overview of specific results on different substrates by emailing transport@forbo.com

Please note: Digital representations may vary from actual product. Please order a physical sample to see the full effect by emailing: transport@forbo.com

Full technical specifications are available on page 72.

CORAL MOVE VISION FR – CUSTOM DESIGN SERVICE

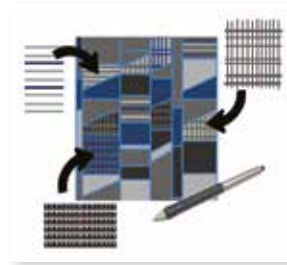
Create your own masterpiece using our custom design service alongside our digital printing technology. Our experienced designers can help at any stage in the design process, depending on what involvement you require.

If you are looking for design ideas, re-colouration of existing designs or help with the development of a unique design that works perfectly with your rail interior design scheme, then we have the resource to help.



1

DESIGN BRIEF AND SAMPLES SENT IN VIA YOUR LOCAL FORBO REPRESENTATIVE.



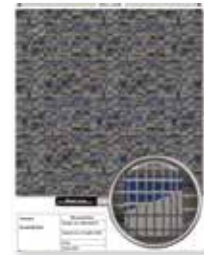
2

FORBO DESIGN TEAM DEVELOP THE DESIGN.



3

MATCHING ANY PANTONE/NCS/RAL OR MATERIAL SAMPLES SUPPLIED.



4

GRAPHIC DESIGN CREATED TO ENSURE THAT THE BRIEF IS FULFILLED.



5

PHYSICAL SAMPLE PRODUCED AND SENT FOR APPROVAL. DISPATCHED WITHIN 10 WORKING DAYS.



6

ONCE ALL APPROVED, THE ORDER CAN THEN BE PRODUCED.

Our experienced designers can help you at any stage of the design process, depending on the level of involvement you require. Whether you seek assistance in developing initial design concepts or refining digital visuals, **our team is dedicated to bringing your unique masterpiece to life.**



CORAL MOVE VISION FR OFFERS REAL **DESIGN FREEDOM**

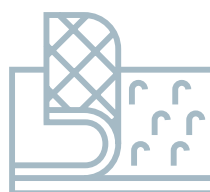
CORAL MOVE VISION FR CARPET

INNOVATIVE INSTALLATION SOLUTIONS

Our floor coverings for rail applications come with 'FR' backings as standard in order to meet the EN45545-2 requirement. These products require a wet adhesive installation system.

Many of our products can now also be offered with different backing options to ensure that the installation process is as quick and straightforward as possible. Specifically designed to improve efficiencies in time, cost and operation not only for the first installation but throughout the life of the rail vehicle.

Hook & loop, magnetic or self-adhesive backing solutions all ensure that your flooring not only goes in quickly, but is instantly ready to walk on – avoiding long, costly delays associated with wet adhesive open times and trafficking restrictions.



PRO-FIT

An adhesive free installation system, comprising of an integral velour backing to the floor covering and a special hook tape adhered to the sub-floor.



MAG-FIT

A magnetic backing layer that is applied to the floor covering material. This can be installed directly onto magnetic sub-floors, or subfloors that have been treated with a magnetic coating.



STICK-FIT

Floor coverings incorporating a self-adhesive backing.

To see the full range of installation solutions, specific to each product, visit www.forbo-flooring.com/rail



Scan the QR code to view the full range

QUICK

- Minimal disruption and downtime
- No adhesive spreading, setting or drying times, so quicker installation
- Flooring is ready for immediate use after installation
- No lingering adhesive odours

ECONOMICAL

- Cost savings on initial and future renovations as rail vehicles can be quickly back into service

Please tell us which backing you want at the time of ordering, as they are 'built in' to your flooring. For example: 'Coral Classic 4751FR Pro-Fit' or 'Coral Classic 4751FR Mag-Fit'.

BESPOKE DESIGN SERVICE

The floor covering is a crucial element of any rail interior design; it creates the first impression and sets the tone. Whether you are looking to recreate a logo or design feature, match that perfect colour for your interior or visualise an entire rail flooring design scheme, we have the knowledge and technology to help and guide you every step of the way.

Our design team can offer support, guidance and advice based on their experience of rail design providing step by step assistance through the creative process from initial brief to approved samples.



**CUSTOM
FLOORING**



coral® FR

Custom colourways are an option for each of the Coral FR entrance flooring system products.

coral® logo FR

Inset logos can be designed to match your requirements.

flotex® vision FR

Whether you are looking for a new colourway in an existing design or a bespoke design, our design team can help.

marmoleum® FR²

Re-colour any of the existing Marmoleum FR² designs.

coral® move vision FR

The digital printing process allows for extensive customisation possibilities in terms of design and colour.

tessera® FR

Re-colour any of the Tessera FR designs to tie into your interior design colour scheme.

For all enquiries please contact your local Transport Key Account Manager to find out more or email: transport@forbo.com





OUR SERVICES

In addition to our comprehensive product portfolio for the rail sector and flexibility in creating custom design and colour solutions tailored to your project, at Forbo, we understand that service is equally important, especially when it comes to time and cost management.

Forbo offer a range of services for both new build and refurbishment projects that ensure maximum efficiencies from delivery to storage, from labelling to packaging and from installation to operation.



CUTTING TO SIZE & SHAPE

In order to save time and costs during installation, we are able to cut to specific roll lengths or to detailed floor plans, so that the floor covering can be easily put into place.

- Any geometry (including steps)
- Highly accurate in-house cutting technology
- Drawing plans can be imported for cutting e.g. DWG, DXF files.



BESPOKE LABELLING

We offer a fully customised labelling service for all our products, from part numbers to project references and barcodes. We'll agree with you what information is required, before creating something unique for your project.



SPECIFIC PACKAGING

Whether you need all deliveries to be made on a specific size pallet or require specific boxes, crates or custom wrapping, we will make sure that the packaging is to your correct specification and satisfaction.



MATERIAL SCHEDULING















We appreciate that the flooring specifications and requirements for each carriage or car-set can vary. That's why we can group together all products specific to your build programme, ensuring the right materials find the right location.



JUST IN TIME LOGISTICS

Working to an agreed schedule of requirements, we will ensure that only the products which are required are delivered, in accordance with your install programme. Whatever your requirements, at Forbo, we will work with you to ensure the project runs smoothly and returns the maximum efficiencies in terms of both time and cost.

TECHNICAL SPECIFICATIONS – CORAL FR

Coral FR meets the requirements of EN 1307		Coral Classic FR	Coral Brush FR	Coral Duo FR	Coral Welcome FR	
	Total thickness	ISO 1765	8.5 mm	9 mm	9 mm	8.5 mm
	Roll width	EN ISO 24341	185 cm	185 cm	190 cm	190 cm
	Roll length	EN ISO 24341	27.5 m	27.5 m	27.5 m	27.5 m
	Total weight	ISO 8543	3400 g/m ²	3400 g/m ²	2300 g/m ²	2500 g/m ²
	Pile installation weight	ISO 8543	870 g/m ²	920 g/m ²	670 g/m ²	750 g/m ²
	Pile thickness	ISO 1766	6.0 mm	6.5 mm	6.0 mm	6.3 mm
	Pile material		100% polyamide-BCF solution dyed	100% regenerated Econyl polyamide	100% polyamide of which 66% is regenerated Econyl polyamide	100% regenerated Econyl polyamide
	Light fastness	EN ISO 105/B02	≥ 7	≥ 5	≥ 5	≥ 6
	Electrical resistance	ISO 10965	> 10 ⁹ Ω	> 10 ⁹ Ω	> 10 ⁹ Ω	> 10 ⁹ Ω
	Contact sound insulation	EN ISO 717-2	ΔL _w = approx. 31 dB	ΔL _w = approx. 29 dB	ΔL _w = approx. 29 dB	ΔL _w = approx. 27 dB
	Area of use		Heavy Use	Heavy Use	Heavy Use	Heavy Use
	Indoor air quality		AgBB – Compliant	AgBB – Compliant	AgBB – Compliant	AgBB – Compliant
	Tested flammability standards	EN 45545-2	HL2*	HL3*	HL2*	HL3*
	Slip resistance	EN 13893	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30
	Body voltage	ISO 6356	< 2 kV	< 2 kV	< 2 kV	< 2 kV
	Thermal resistance	ISO 8302	0.13 W/m.K	0.093 W/m.K	0.140 W/m.K	0.090 W/m.K
	Creating better environments					
	Renewable electricity	Coral FR is manufactured using 100% electricity made from renewable sources				
	Recycled content	Made with 100% Econyl polyamide				

*EN45545-2 testing has been carried out on different substrates/adhesives. This is the highest achieving result.

For a full overview of specific results on aluminium and plywood subfloors please ask.




















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TECHNICAL SPECIFICATIONS – MARMOLEUM FR²

Marmoleum FR² meets the requirements of EN ISO 24011

Marmoleum FR²: Concrete FR² Fresco FR²/Real FR²/Piano FR²/Vivace FR²

	Total thickness	EN ISO 24346	2.5 mm
	Surface finish		Topshield pro
	Roll width	EN ISO 24341	2.0 m
	Roll length	EN ISO 24341	≤ 33 m
	Total weight	EN ISO 23997	2900 g/m ²
	Slip resistance (ramp test)	EN 16165 Annex B	R9
	Castor chair continuous use	ISO 4918	Pass
	Residual indentation <i>Typical value</i>	EN ISO 24343-1	≤ 0.15 mm ~ 0.08 mm
	Colour fastness to light	ISO 105-B02 method 3	≥ 6
	Indoor Air Emissions: TVOC at 28 days	EN 16516	≤ 0.05 mg/m ³
	Bacteriostatic properties*		Marmoleum FR ² has natural bacteriostatic properties which are confirmed by independent laboratories, even against the bacteria MRSA.
	Resistance to chemicals	EN ISO 26987	Resistant to diluted acids, oils, fats and to the conventional solvents. Not resistant to prolonged exposure to alkalis.
	Cigarette resistance	EN 1399	There is no melting of the surface by cigarettes. Marks left on Marmoleum as a result of stubbed-out cigarettes can be removed.
	Flexibility	EN ISO 24344	ø 40 mm
	Application for underfloor heating		Yes
	Reaction to fire	EN 45545-2 plywood	HL2**
		EN 45545-2 aluminium	HL2**
		ASTM E648	Class 1
		EN 45545-2	HL2**
		ASTM E662 non flaming	Pass
	The Forbo STICK-FIT solution developed for Marmoleum FR ² fulfils the requirements of DTRF 150931 and STMX 013		
	Slip resistance	EN 13893	μ ≥ 0.30
	Thermal conductivity	EN 12524	0.17 W/m·K
	Body voltage	EN 1815	≤ 2.0 kV
	Creating better environments		LCA is the foundation for securing the lowest environmental impact.
			Marmoleum FR ² products, part of the Marmoleum product range, are climate positive cradle to gate without offsetting.*
	Natural materials		Marmoleum FR ² is a biobased floor made with 71% natural ingredients (e.g. linseed oil, rosin, wood flour and jute). Marmoleum FR ² contains PEFC certified wood flour.
	Recycled content		Marmoleum FR ² contains ingredients derived from recycled sources, which are a combination of post-industrial, post-installation and post-consumer streams for both flooring and non-flooring Marmoleum products.
	Health and safety		With Marmoleum FR ² there are no declarable or prohibited substances contained according to the RISL (Railway Industry Substance List) (March 2021).
	Renewable electricity		Marmoleum FR ² is manufactured using 100% electricity from renewable sources.

*For details please consult the EPD for Marmoleum 4790690881.101.1, Marmoleum FR² 4789275679.140.1.

**We have extensive test certification available in various substrate and adhesive combinations. Please contact us for further details.

The Life Cycle Assessment (LCA) of Forbo Flooring Systems' products is documented in individual Environmental Product Declarations (EPD's) which can be found on all our websites.



















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TECHNICAL SPECIFICATIONS – FLOTEX VISION FR

Flotex Vision FR meets the requirements of EN 1307

Flotex Vision FR

	Total thickness	ISO 1765	3.3 mm
	Roll width	EN ISO 24341	2.0 m
	Roll length	EN ISO 24341	± 30 m
	Total weight	ISO 8543	1225 g/m ²
	Pile installation weight		250 g/m ²
	Pile thickness	ISO 1766	approx. 2 mm
	Pile material		100% polyamide 6.6
	Dimensional stability	ISO 2551	≤ 0.2%
	Abrasion resistance	EN 1307 annex F	> 1000 cycles
	Castor chair continuous use	EN 985	r ≥ 2.4 continuous use – Pass
	Slip resistance	UK SRG pendulum	Dry – low slip risk Wet – low slip risk
	Light fastness	EN ISO 105/B02	≥ 5
	Electrical resistance	ISO 10965	≥ 10 ⁹ Ω
	Impact noise reduction	EN ISO 717-2	ΔL _w = ≥ 22 dB
	Area of use		Heavy Use
	Life Cycle Assessment		LCA is the foundation for securing the lowest environmental impact
	Indoor Air Quality		Flotex Vision FR is approved by Allergy UK. All Flotex products are tested for indoor air emissions in accordance with ISO 16000-9 after 3 days and 28 days.
	Tested flammability standards	EN 45545-2	HL2*
		ASTM E.648 ASTM E.662	Class 1 Pass
	Slip resistance	EN 13893	μ ≥ 0.30
	Body voltage	ISO 6356	≤ 2.0 kV
	Thermal resistance	ISO 8302	0.041 m ² .K/W
	Creating better environments		
	Renewable electricity		Flotex Vision FR is manufactured using 100% electricity made from renewable sources

Flotex Vision FR is made to order.

*EN45545-2 testing has been carried out on different substrates/adhesives. This is the highest achieving result.

For a full overview of specific results on aluminium and plywood subfloors please ask.

The Life Cycle Assessment (LCA) of Forbo Flooring Systems' products is documented in individual Environmental Product Declarations (EPDs) which can be found on all our websites.













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TECHNICAL SPECIFICATIONS – TESSERA FR

Tessera FR meets the requirements of EN 1307

Tessera Layout FR and Outline FR

Description		Tufted 1/10th gauge low loop carpet	
	Total thickness	ISO 1765	5 mm
	Roll width	EN-ISO 24341	185 cm
	Roll length	EN-ISO 24341	27.5 m
	Total weight	EN-ISO 23997	2400 g/m ²
	Pile installation weight	ISO 8543	580 g/m ²
	Pile thickness	ISO 1766	2.9 mm
	Pile material		100% polyamide 6
	Dye method		100% solution dyed
	Stitch density	ISO 1763	193,060 per m ²
	Backing		FR latex
	Light fastness	EN-ISO 105-B02	≥ 6
	Impact noise reduction	EN-ISO 717-2	approx. 26 dB
	Area of use		Heavy use
		EN 45545-2	HL2*
		ASTM E648	Class 1
	Tested flammability standards	ASTM E662 flaming	Pass
		ASTM E662 non flaming	Pass
		BSS 7239	Meets requirements
		SMP 800-C	Meets requirements
	Slip resistance	EN 13893	μ ≥ 0.30
	Body voltage	EN 1815	≤ 2 kV
	Thermal conductivity	EN 12524	0.06 W/m.K
	Creating better environments		
	Renewable electricity	Tessera FR is manufactured using 100% electricity made from renewable resources	














*EN45545-2 testing has been carried out on 3mm aluminium subfloor.

Forbo Flooring Systems does its best to ensure that the contents of these technical documents are accurate at the time of publication. However for up to date technical specifications please refer to our website at: www.forbo-flooring.com/transport

TECHNICAL SPECIFICATIONS – CORAL MOVE VISION FR

Coral Move Vision FR meets the requirements of EN 1307

Coral Move Vision FR

	Total thickness	ISO 1765	8 mm
	Roll width	EN ISO 24341	185 cm
	Roll length	EN ISO 24341	Customisable to 27.5 lm
	Total weight	ISO 8543	3100 g/m ²
	Pile installation weight		1090 g/m ²
	Pile thickness	ISO 1766	5.5 mm
	Pile material		100% polyamide BCF ECONYL®
	Light fastness	EN ISO 105/B02	≥ 6
	Electrical resistance	ISO 10965	≥ 10 ⁹ Ω
	Impact noise reduction	EN ISO 717-2	ΔL _w ≥ 29 dB
	Area of use		Heavy Use
	Reaction to fire	EN 45545-2	HL2*
	Slip resistance	EN 13893	μ ≥ 0.30
	Body voltage	ISO 6356	< 2 kV
	Thermal resistance	ISO 8302	0.108 m ² .K/W
	Creating better environments		
	Renewable electricity		Coral FR is manufactured using 100% electricity made from renewable sources
	Recycled content		Made with 100% Econyl® polyamide

*EN45545-2 testing has been carried out on different substrates/adhesives. This is the highest achieving result.

For a full overview of specific results on aluminium and plywood subfloors please ask.

Forbo Flooring Systems does its best to ensure that the contents of these technical documents are accurate at the time of publication.

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INSTALLATION, CLEANING & MAINTENANCE, TECHNICAL SPECIFICATIONS



TECHNICAL SPECIFICATIONS

You can find our latest rail technical specifications for the full portfolio of floor coverings on our website: www.forbo-flooring.com/transport

Alternatively you can scan the QR code to view and download the Rail technical specification guide.



INSTALLATION, CLEANING & MAINTENANCE GUIDES

You can find our latest rail specific installation, cleaning and maintenance guides for the full portfolio of floor coverings on our website: www.forbo-flooring.com/transport

Alternatively you can scan the QR code to view and download the Rail installation, cleaning and maintenance guide pdf.



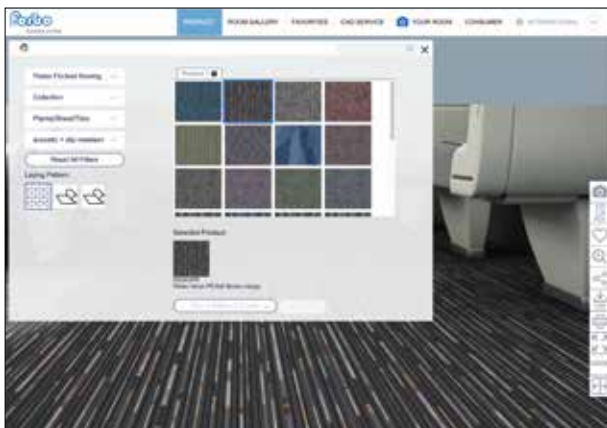
Any queries regarding installation or cleaning and maintenance guidelines for the rail portfolio of floor products please contact your local Key Account Manager or contact us:

Email: transport@forbo.com

Website: www.forbo-flooring.com/rail

Tel: +44 (0)1773 744121

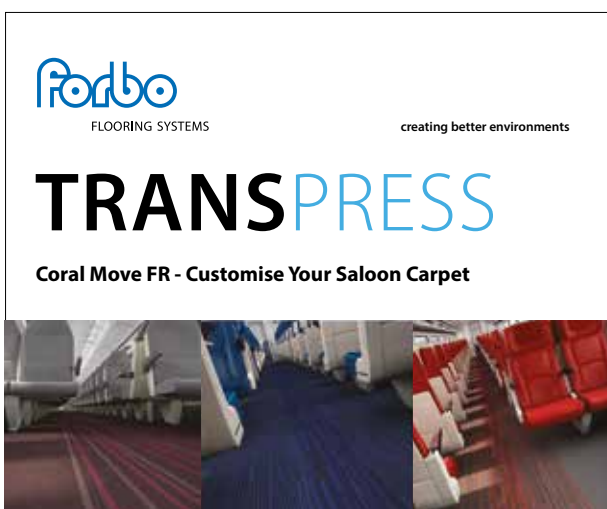
FURTHER INFORMATION



Online services

Access Forbo 24/7 to find inspiration and information by visiting www.forbo-flooring.com/rail. You can also follow the Forbo Transport page on LinkedIn and Twitter, for up-to-date product information, new projects, events happening and general industry news. Alternatively contact us by email at transport@forbo.com

in LinkedIn: **Forbo Flooring Transport**



TRANSPRESS

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www.forbo-flooring.com/transpress



Sample service

To request a brochure, sample cards or specific sampling material, please send your request to transport@forbo.com. We aim to dispatch transport requests same day/next working day whenever possible.

For more information about any of the products or services offered by Forbo Flooring Systems, contact us on:

Email: transport@forbo.com

Website: www.forbo-flooring.com/rail

Tel: +44 (0)1773 744121

WE BELIEVE IN CREATING BETTER ENVIRONMENTS

From how they're made to how they perform, we make outstanding floors that are truly sustainable. That's because our floors are good for people, good for their applications and good for the environment. So, from the train that they're in, to the world outside, we're helping our customers work, live, travel and relax in better environments.

It's about the things you can't see

A Forbo floor is always beautiful and stylish to look at. A floor that's comfortable to live, work and play on. But looks aren't everything; often, it's the things you can't see that really matter. We believe true sustainability is about creating links of shared responsibilities and values between all stakeholders.

From how it's made, our footprint...

From how we run our factories to how we choose our ingredients, the way we make our floors is a big part of how we meet our mission to create better environments.

We reduce, reuse, recycle and renew whenever possible. We also make our flooring in clean, efficient factories, powered by 100% renewable electricity.

...to how it performs, your footsteps...

We include the whole life of a floor when we think about its sustainability performance. Which means we make sure our floors start performing from the moment they're installed.

Creating Better Environments

We'll only keep Creating Better Environments if we keep improving and innovating our products and services.

So, while we're proud of our existing certifications, we'll always be working to achieve better results – for you and the environment.

Coral FR

Coral FR entrance flooring can stop up to 95% of dirt being walked into your rail vehicles. Entrance systems can reduce your cleaning bills by up to 65% thus saving you money, energy and chemical cleaners. They also reduce your environmental impact.

From old carpet fluff to abandoned fishing nets, many of our Coral FR collections are made from ECONYL® – a high quality yarn made from 100% regenerated polyamide.



We make Coral FR in a factory that sends virtually zero waste to landfill.

Flotex Vision FR

The unique design of Flotex Vision FR means it releases twice as many allergens on cleaning than standard carpet. Flotex Vision FR is proven to have a positive effect on the lives of allergy sufferers and is the only textile floor covering to receive the prestigious Allergy UK Seal of Approval™.

Our Flotex Vision FR flooring has an impervious backing making it suitable for wet cleaning and it often just needs water and standard cleaning materials (without chemicals).



Recent research by Cleaning Research International has shown that the cleanability and durability of flocked floor coverings are unsurpassed amongst textile floor coverings which, along with the allergy benefits makes them particularly suited to high-traffic spaces.

Marmoleum FR²

Marmoleum FR² is created using a high percentage of natural raw materials, with renewable and recycled contents. As part of the Marmoleum product range they are independently confirmed as climate positive in the cradle to gate phase of their products life cycle, without the need for offsetting. The result is a net positive impact on reducing greenhouse gases in the atmosphere from cradle to gate.

At the end of its long life, Marmoleum FR² is 100% biodegradable under controlled conditions.



marmoleum
climate positive
CRADLE TO GATE

We finish Marmoleum FR² with Topshield pro, which, together with its natural bacteriostatic properties means the floor is hygienic and needs less cleaning with less harmful chemicals.

Tessera FR

We're reducing the amount of virgin materials we use. For example, instead of throwing away yarn ends, we rewind them and tuft them into our Tessera carpet tiles.

Forbo Flooring Systems is part of the Forbo Group, a global leader in flooring and movement systems, and offers a full range of flooring products for commercial and affordable housing and new build markets. High quality linoleum, vinyl, textile, flocked and entrance flooring products combine functionality, colour and design, offering total flooring solutions for any environment.



All Forbo Flooring Systems' sales organisations worldwide have a certified Quality Management System in accordance with ISO 9001.
All Forbo Flooring Systems' manufacturing operations have a certified Environmental Management System in accordance with ISO 14001.



What to do now?

For more information about any of the products and services offered by Forbo Flooring Systems, to request samples/ brochures or a visit then contact us:

Email: transport@forbo.com

Website: www.forbo-flooring.com/rail

Tel: **+44 (0)1773 744121**

Let us keep you up-to-date

in LinkedIn: **Forbo Flooring Transport**

UK & all other countries

Forbo Flooring UK Limited
High Holborn Road
Ripley
Derbyshire
DE5 3NT
UK
T: +44 (0) 1773 744121
E-mail: transport@forbo.com
www.forbo-flooring.com/rail

France

Forbo Sarlino SAS
63, rue Gosset
BP 62717
51055 Reims Cedex
France
T: +33 2 47 29 85 39
www.forbo-flooring.fr

Spain

Forbo Pavimentos S.A.
Pasaje Bofill 13-15
E-08013 Barcelona
Spain
T: +34 932 090 793
www.forbo-flooring.es

Germany

Forbo Flooring GmbH
Steubenstraße 27
D-33100 Paderborn
Deutschland
T: +49 5251 1803-0
www.forbo-flooring.de

USA

Forbo Flooring NA
Humboldt Industrial Park
8 Maplewood Drive
PO Box 667
Hazleton, PA 18202
USA
T: +1-800-842-7839
www.forboflooringna.com