

A photograph of the interior of a bus or coach, showing rows of seats with light-colored upholstery and armrests. The floor is covered in a wood-grain laminate flooring. The perspective is looking down the length of the vehicle, with the floor covering the central aisle and extending to the sides.

BUS & COACH FLOOR COVERINGS

JANUARY 2021

creating better environments



FLOORING SYSTEMS

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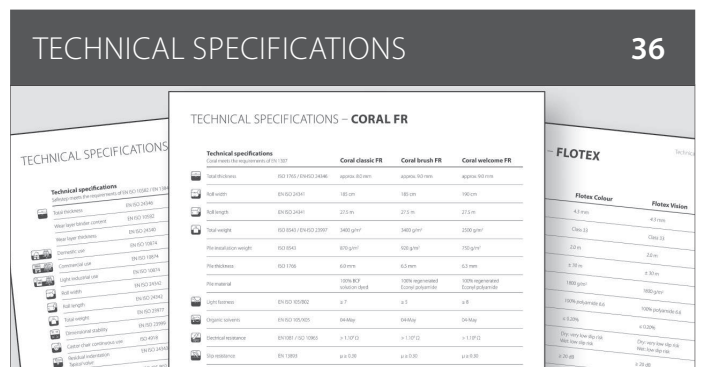
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YOUR PARTNER OF CHOICE IN BUS & COACH

Forbo Flooring Systems has developed a truly comprehensive product offering for the global bus and coach sector, providing you with an exceptional range of products, solutions and services to meet the necessary requirements.

Within the portfolio, you will find high performance textile entrance systems, vinyl and acoustic vinyl floor coverings, safety flooring and flocked textile flooring solutions. We also supply adhesives, accessories and specialist installation tools.

At Forbo, we fully appreciate the logistical challenges that both new build and refurbishment projects can present. That is why we will work with you to get a closer understanding of your specific requirements, in order to deliver the optimum solution for your needs.

Should you be looking for a truly unique floor covering or design solution, our in-house design team will work with you every step of the way to help you meet your bespoke specifications.

Working with Forbo Flooring Systems means:

- A sole source for all your floor covering requirements
- A large and versatile choice of products and designs
- Custom design service
- Optimal efficiencies through tailored services and logistics
- Global advice, support and cross border project management

You can rely on Forbo Flooring Systems to deliver exceptional floor covering solutions for your bus and coach projects.



Coral has been the market-leading textile entrance flooring brand for over 50 years. Today, it 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. That is why installing an effective entrance flooring system is fundamental to modern bus and coach vehicle design, as it prevents dirt and moisture from being tracked inside.

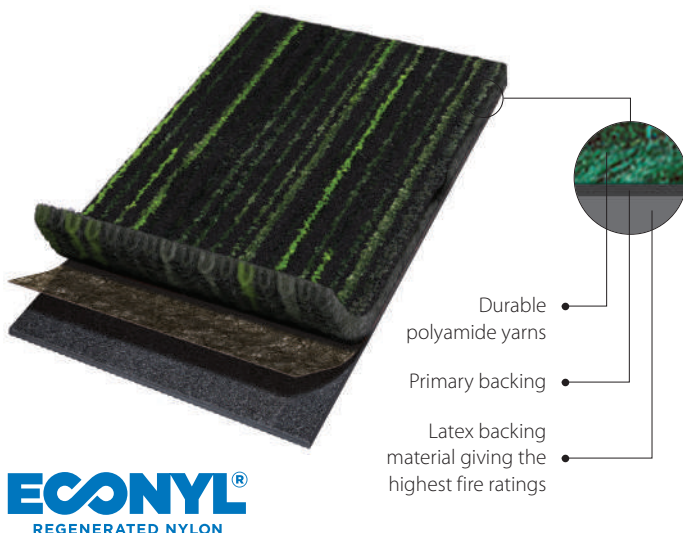
By removing wet and dry soiling from the soles of shoes and wheel treads, an effective entrance system reduces premature wear and tear to interior floor coverings, minimises cleaning and maintenance costs and protects passengers by reducing slip hazards.

- **Cut to size/shape option**
- **Stops up to 95% of dirt and moisture**
- **Excellent dirt storage/soil hiding**
- **High moisture absorption**
- **Prolongs the life-span of interior floor coverings**
- **PVC and phthalate free**
- **Reaction to fire ECE R118-2 (Pass)**

Coral FR entrance flooring is available in three different formats: Classic FR, Brush FR and Welcome FR – each with their own unique benefits.

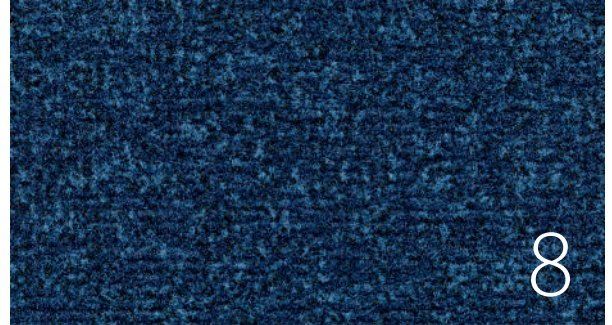
Please ensure that 'FR' is clearly noted on all orders.

Coral FR construction



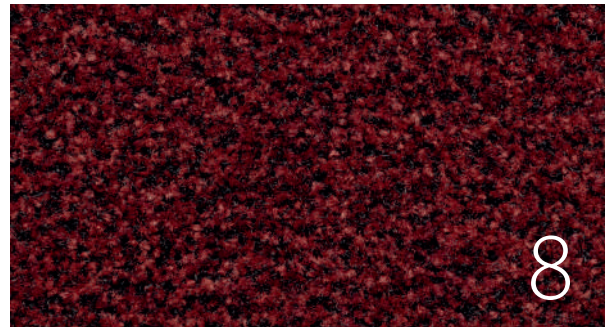
coral® classic FR

The ultimate moisture absorber



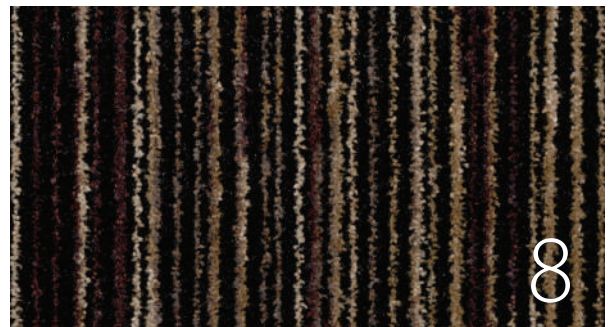
coral® brush FR

The great all-rounder



coral® welcome FR

Where design meets environment



coral® FR

classic FR | brush FR | welcome FR



5714FR | brush FR shark grey LRV 5



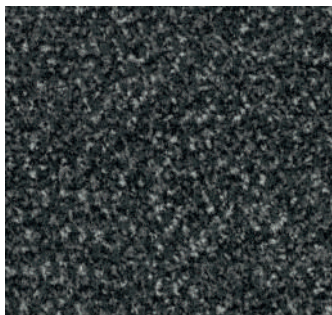
4764FR | classic FR taupe LRV 6



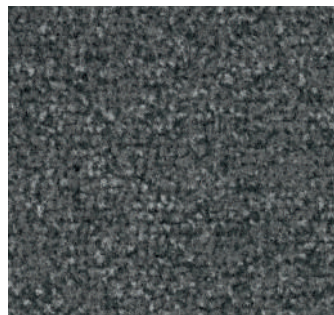
5716FR | brush FR masala brown LRV 5



5754FR | brush FR straw brown* LRV 11



4701FR | classic FR anthracite LRV 6



4751FR | classic FR silver grey LRV 9



4744FR | classic FR espresso LRV 4



5764FR | brush FR petrified grey* LRV 5



4756FR | classic FR bronzetone LRV 2



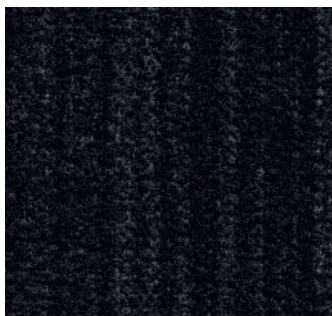
5721FR | brush FR hurricane grey LRV 3



4721 | classic FR mouse grey LRV 4



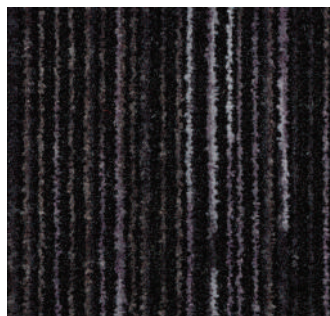
3201FR | welcome FR silver shadow LRV 3



5750FR | brush FR aztec black* LRV 1



4730FR | classic FR raven black LRV 2



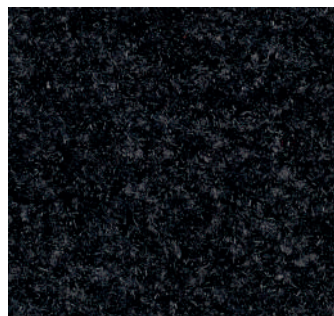
3210FR | welcome FR black magic LRV 2



5710FR | brush FR asphalt grey LRV 2



4750FR | classic FR warm black LRV 4



5730FR | brush FR vulcan black LRV 1



5715FR | brush FR charcoal grey LRV 2



5741FR | brush FR cannon grey* LRV 2

*Coral Brush designs marked with a * have a more linear design whereas the other 13 colour references have an all-over aesthetic.*



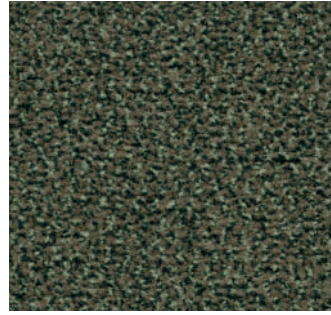
4774FR | classic FR khaki

LRV 11



3202FR | welcome FR desperado

LRV 2



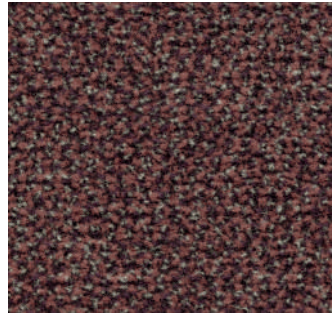
4758FR | classic FR olive

LRV 7



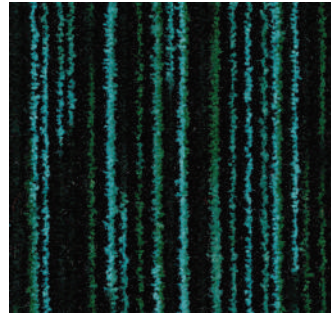
5724FR | brush FR chocolate brown

LRV 2



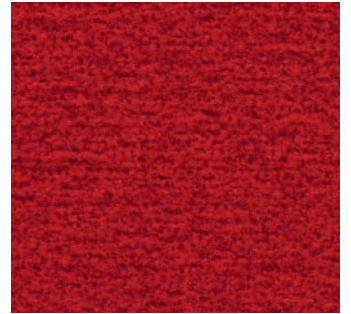
4759FR | classic FR old rose

LRV 6



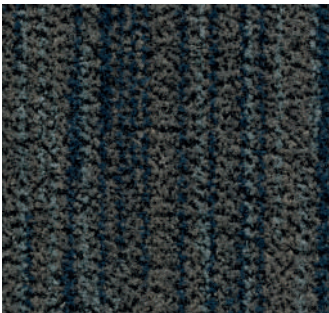
3205FR | welcome FR blue lagoon

LRV 3



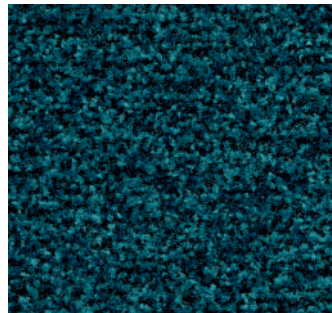
4753FR | classic FR bright red

LRV 5



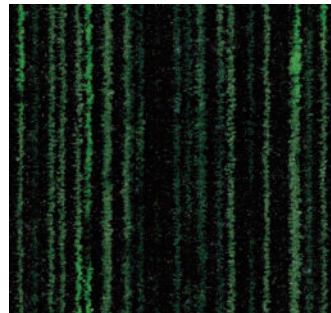
5767FR | brush FR slate blue*

LRV 3



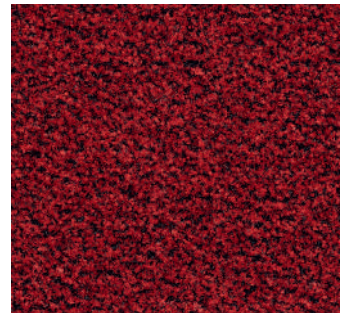
5705FR | brush FR Bondi blue

LRV 4



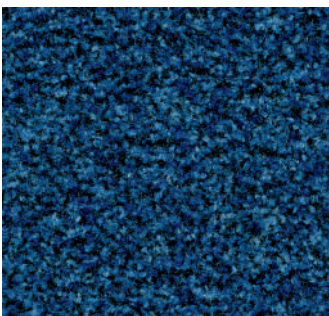
3208FR | welcome FR matrix

LRV 2



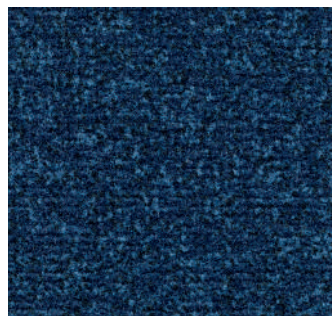
5723FR | brush FR cardinal red

LRV 2



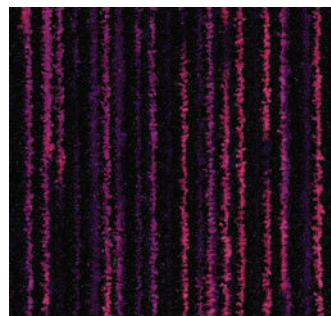
5722FR | brush FR cornflower blue

LRV 4



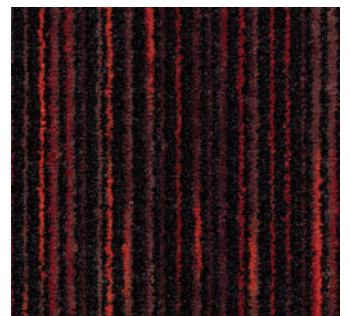
4727FR | classic FR navy blue

LRV 2



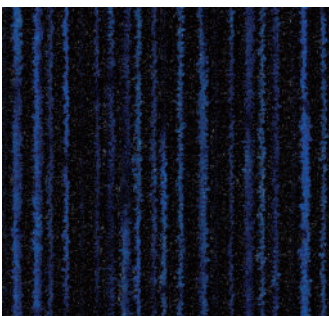
3219FR | welcome FR colour purple

LRV 1



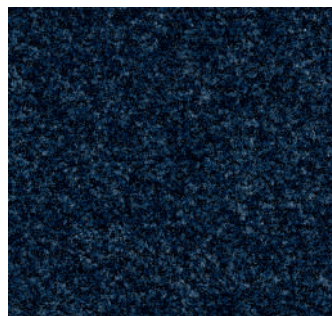
3206FR | welcome FR volcano

LRV 1



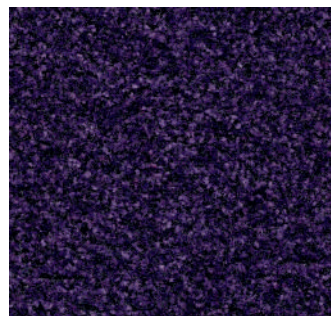
3207FR | welcome FR blue velvet

LRV 1



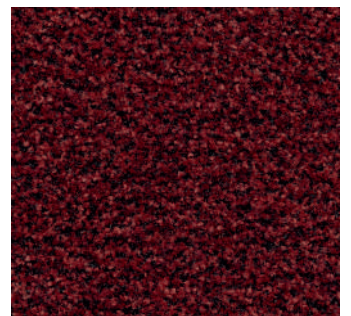
5727FR | brush FR stratos blue

LRV 2



5709FR | brush FR royal purple

LRV 2



5706FR | brush FR brick red

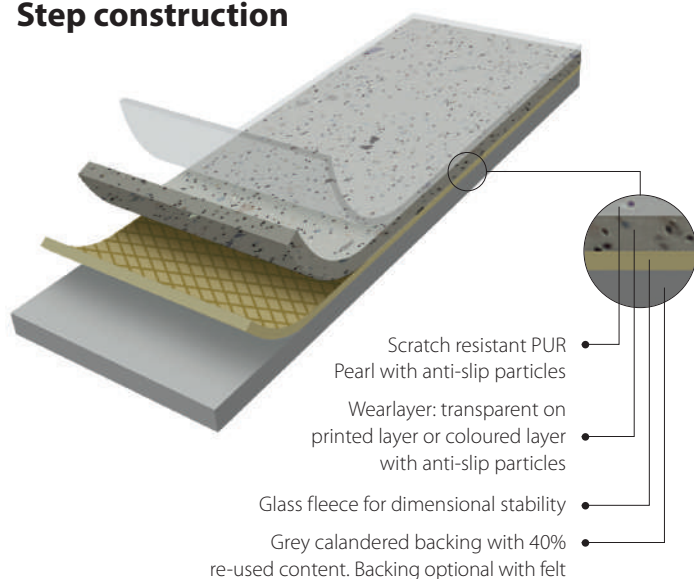
LRV 2



Our Step vinyl safety flooring collection features a range of products designed to meet the safety requirements for bus and coach floor coverings. It combines durability and outstanding slip resistance (up to R12) with a wide range of design possibilities.

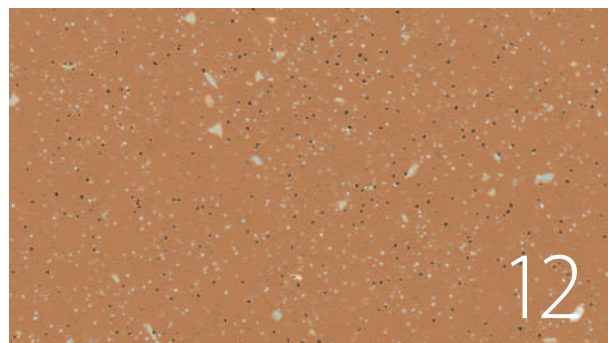
- **R10, R11 and R12 – a range of slip resistance ratings used across co-ordinating colour schemes**
- **Guaranteed slip resistant performance throughout the life of the product**
- **PUR Pearl lacquered surface providing easy cleaning and maintenance**
- **Low gloss surface for anti-scuff and a natural look**
- **Coloured durable wear layer for a long-lasting appearance**
- **High recycled PVC content**
- **Optional felt backing for greater adhesion properties**
- **Cut to size/shape option**
- **Reaction to fire ECE R118-2 (Pass)**

Step construction



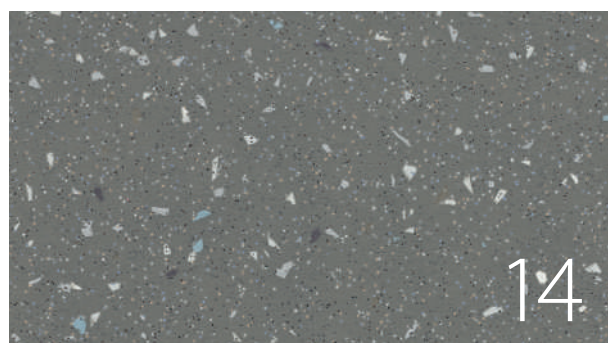
surestep® R10

Suitable for bus and coach applications for areas where there is an increased slip risk. Surestep is the optimum combination of slip resistance and ease of maintenance.



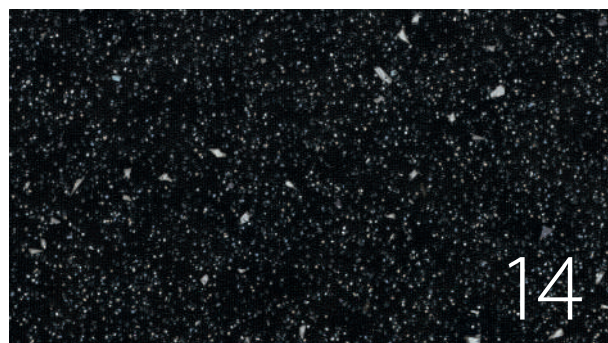
safestep® R11

Ideal for use in areas where a high slip risk has been identified from continuous contamination of the floor. The optimum product choice will be determined by the area of use and type of contamination. All 9 colours are co-ordinated with the R12 range.

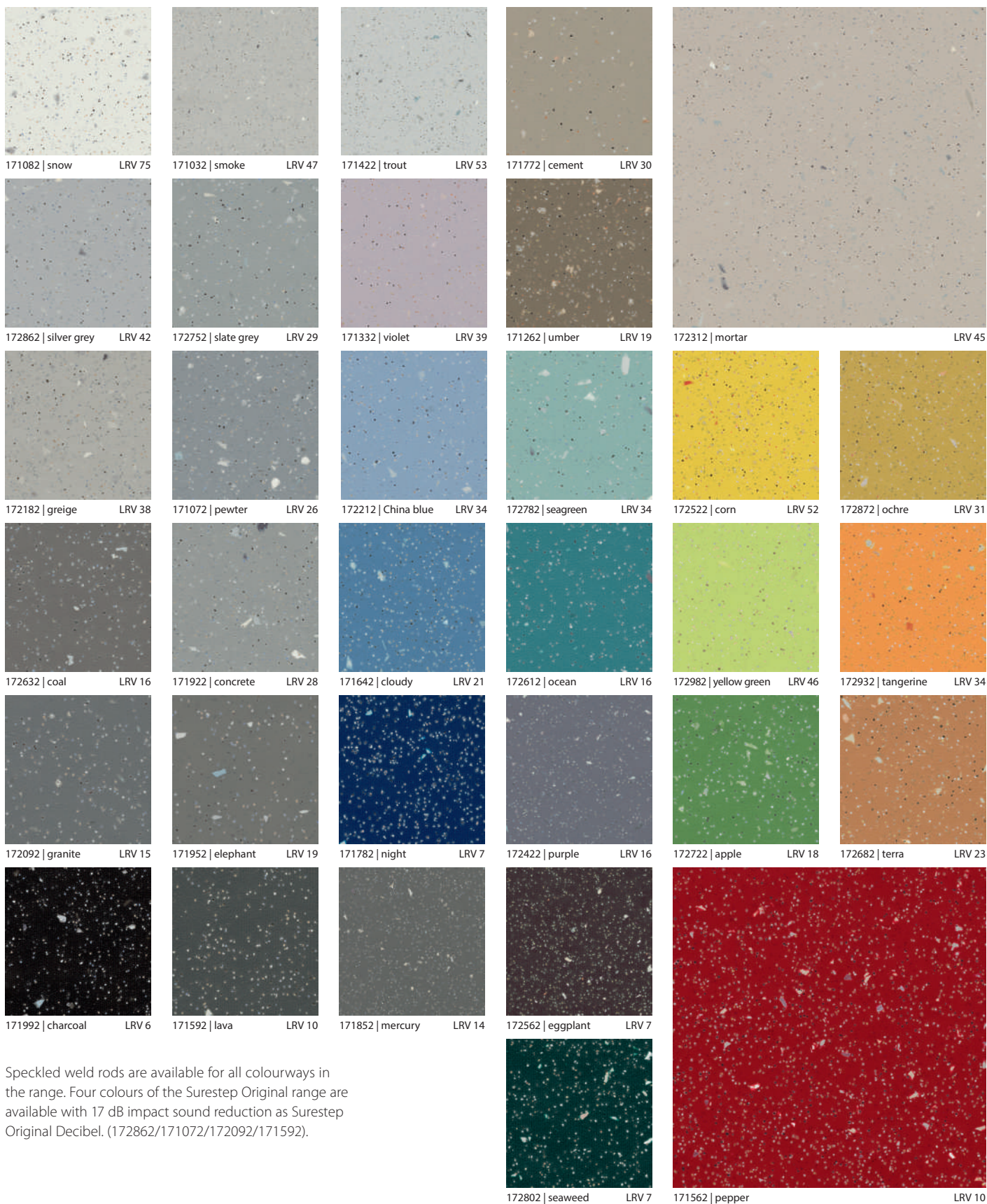


safestep® R12

A high slip resistant rated floor which ensures slip resistance under even the most extreme conditions. All items are colour coordinated with the R11 range.



surestep® original



Speckled weld rods are available for all colourways in the range. Four colours of the Surestep Original range are available with 17 dB impact sound reduction as Surestep Original Decibel. (172862/171072/172092/171592).



18372 | white chestnut

LRV 34



18962 | whitewash oak

LRV 25



18802 | elegant oak

LRV 32



18972 | rustic oak

LRV 18



18882 | classic oak

LRV 24



18942 | natural oak

LRV 25



18382 | chestnut

LRV 22



18792 | dark oak

LRV 12



18832 | grey oak

LRV 23



18952 | dark grey oak

LRV 12



18982 | shadow oak

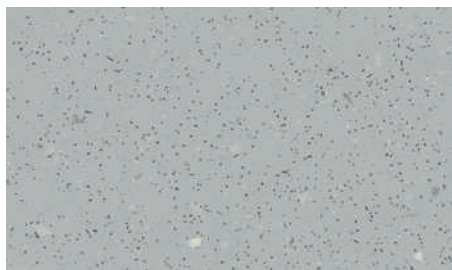
LRV 20

Four items also feature our new PUR Wood Pearl embossing (18372/18972/18382/18952).

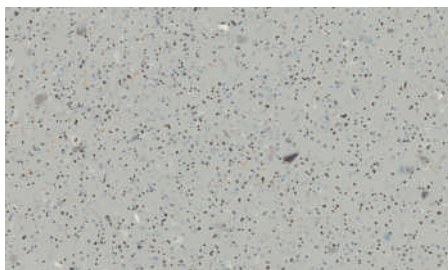
Four colours of the Surestep Wood range shown are available with 17 dB impact sound reduction as Surestep Decibel (18972/18962/18882/18802).



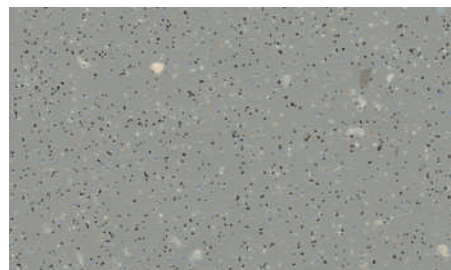
safestep® R11



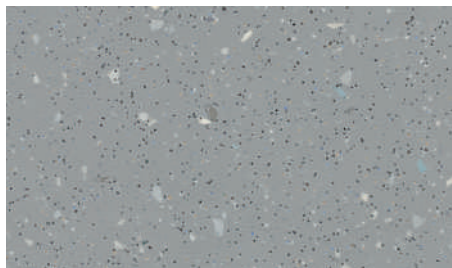
174862 | silver grey



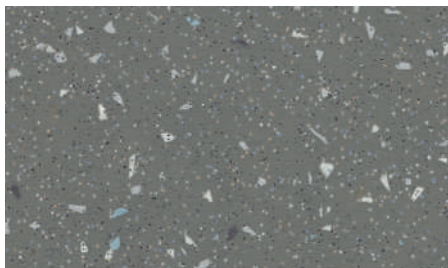
174032 | smoke



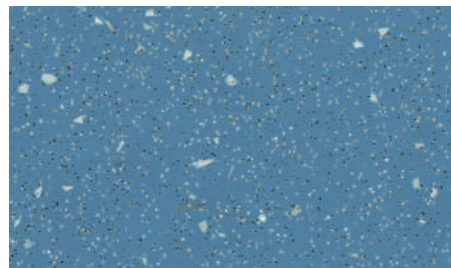
174752 | slate grey



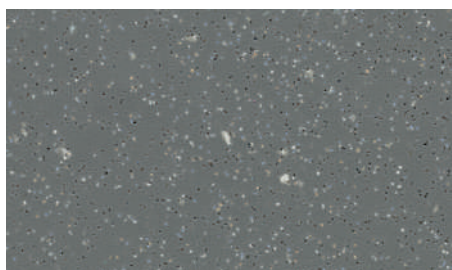
174922 | concrete



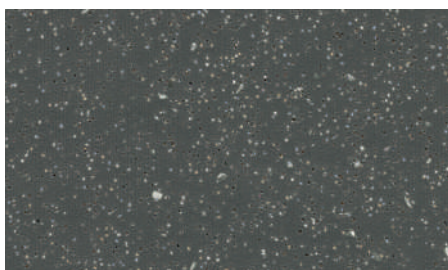
174952 | elephant



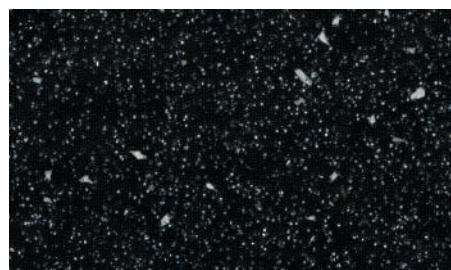
174642 | cloudy



174092 | granite

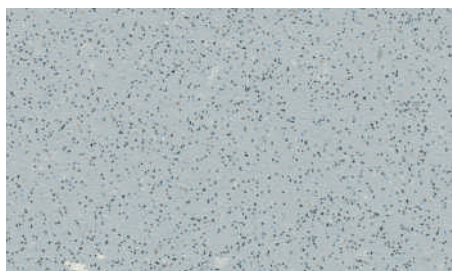


174592 | lava

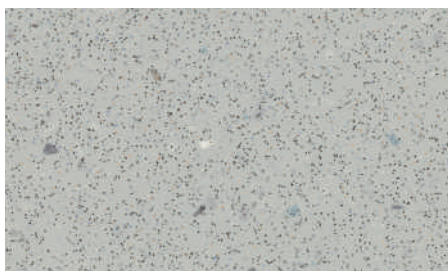


174992 | charcoal

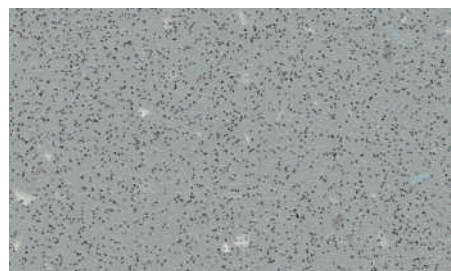
safestep® R12



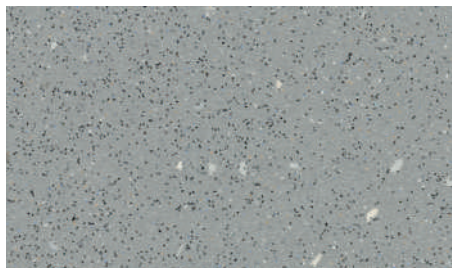
175862 | silver grey



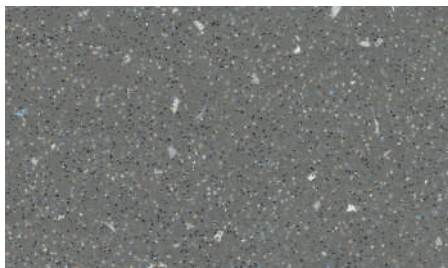
175032 | smoke



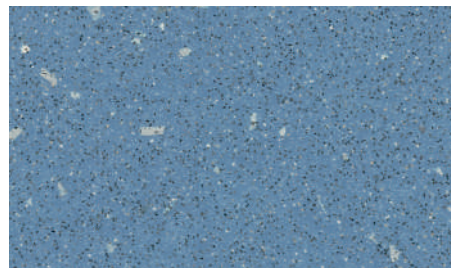
175752 | slate grey



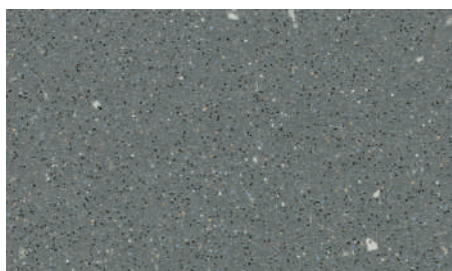
175922 | concrete



175952 | elephant



175642 | cloudy



175092 | granite



175592 | lava



175992 | charcoal



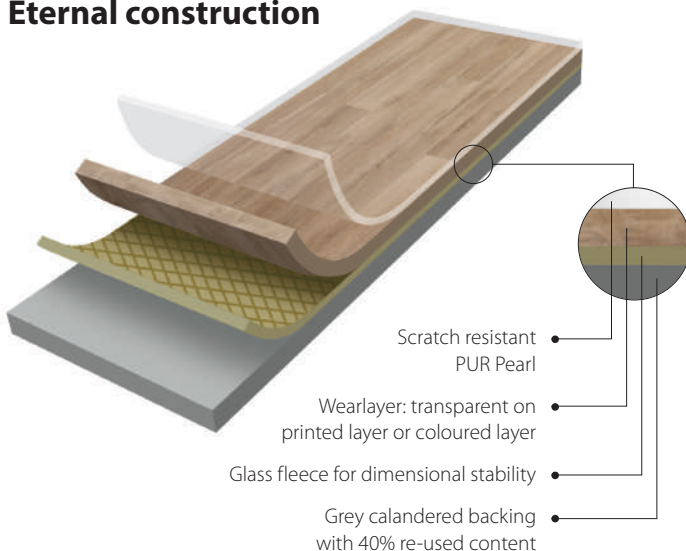
A highly durable heterogeneous sheet vinyl floor covering with a wide range of design possibilities, Eternal's PUR Pearl finish offers superior appearance retention and long-lasting performance.

The collection contains designs which are developed in-house with Forbo's own signature and have designs with enhanced embossing textures that ensure an authentic look.

- **R10 slip resistance rating**
- **PUR Pearl lacquered surface providing easy cleaning and maintenance**
- **Low gloss surface for anti-scuff and a natural look**
- **100% transparent durable wear layer for a long-lasting appearance**
- **High recycled PVC content**
- **Wide design variety**
- **Optional felt backing for greater adhesion properties**
- **Low residual indentation average value of ~0.02mm**
- **Reaction to fire ECE R118-2 (Pass)**

The Eternal collection mixes realistic and contemporary designs to offer a unique pattern and colour signature. Designer quality for sheet vinyl.

Eternal construction



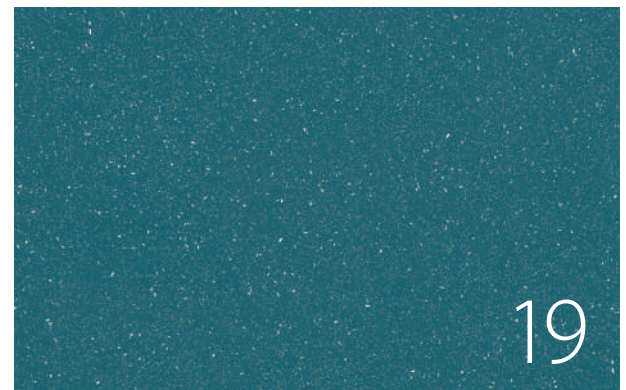
eternal wood

Developed to offer the natural aesthetics of a wooden floor with the advantages of a high-quality vinyl, Eternal Wood features a unique embossing for a true to life, authentic effect, which is easy to clean and maintain.



eternal colour

Suitable for all applications, Eternal Colour comprises an inspiring combination of 29 colours and designs, ranging from neutral hues to rich shades. The solid, coloured wear layer also provides depth to the bright colours.



eternal wood



12802 | elegant oak* LRV 32



13442 | light oak LRV 33



11632 | light oak LRV 31



10842 | cream oak LRV 44



10322 | white chestnut LRV 34



13952 | greywashed timber LRV 23



11652 | vintage oak LRV 26



13802 | blond timber LRV 26



13932 | pale timber LRV 31



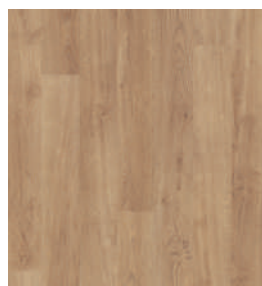
13922 | bleached timber LRV 36



12862 | grey oak LRV 25



12832 | natural oak LRV 27



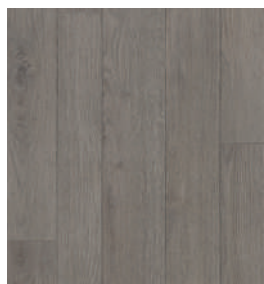
11912 | whitewashed oak LRV 30



11542 | traditional oak LRV 22



11442 | washed beech LRV 28



13412 | shadow oak LRV 20



10852 | chocolate oak LRV 17



10362 | warm chestnut LRV 17



10832 | hazelnut oak LRV 21



11162 | tropical beech LRV 28



11942 | dark grey oak LRV 12



10342 | dark chestnut LRV 12



11932 | rustic oak LRV 20



11952 | steamed oak LRV 22



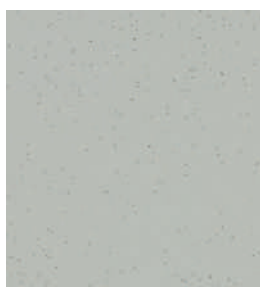
13942 | classic timber LRV 22

eternal colour



40002 | snow

LRV 78



40322 | smoke

LRV 47



40412 | greige

LRV 39



40392 | cement

LRV 31



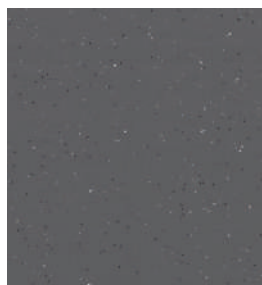
40052 | pewter

LRV 26



40462 | elephant

LRV 20



40252 | mercury

LRV 15



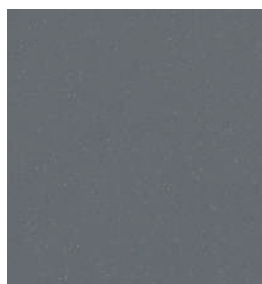
40062 | umber

LRV 20



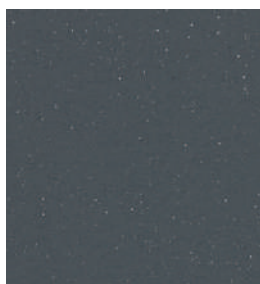
40242 | pink coral

LRV 46



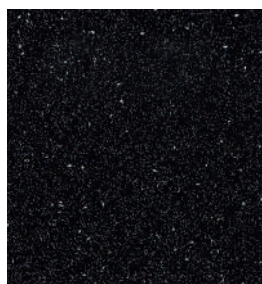
40092 | granite

LRV 16



40122 | lava

LRV 10



40292 | charcoal

LRV 6



40502 | espresso

LRV 6



40782 | papaya

LRV 28



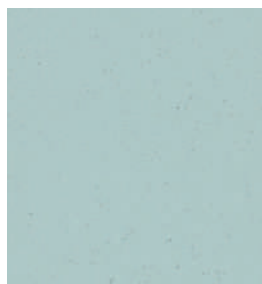
40522 | lemon

LRV 69



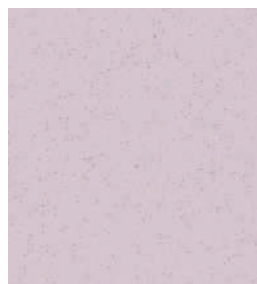
40562 | aqua

LRV 61



40712 | pale

LRV 51



40942 | lilac

LRV 55



40202 | poppy

LRV 14



40612 | yellow green

LRV 47



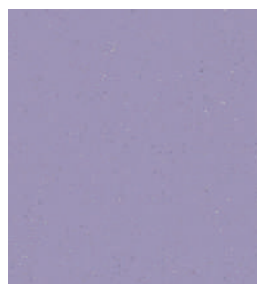
40592 | turquoise

LRV 33



40332 | China blue

LRV 34



12832 | lavender

LRV 30



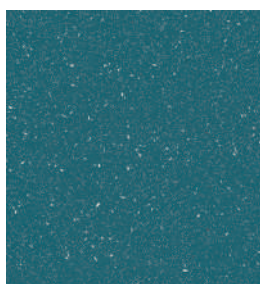
40372 | flamingo

LRV 35



40642 | apple

LRV 17



40672 | ocean

LRV 16



40232 | night

LRV 7



40182 | grape

LRV 9



40152 | magenta

LRV 13



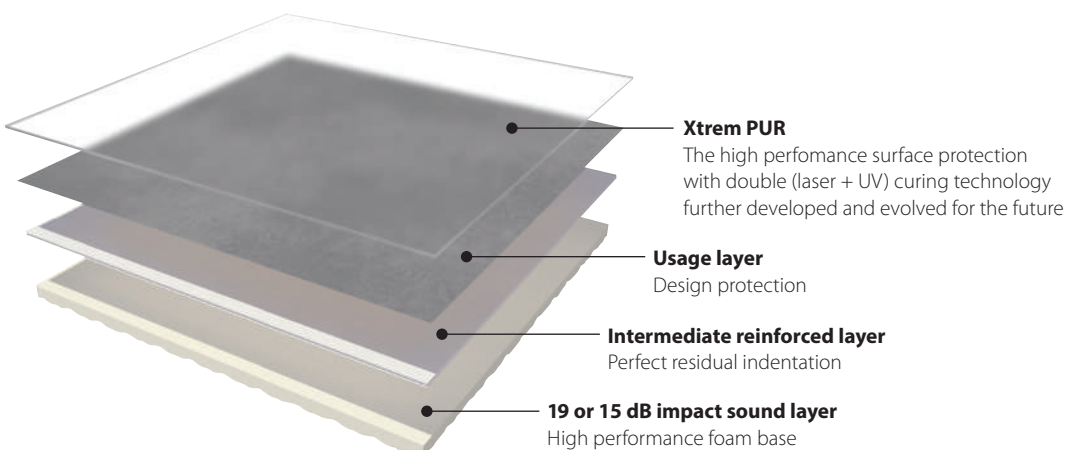
Forbo Flooring Systems is a specialist in acoustic vinyl floor coverings. With over 30 years' experience, we have the industry knowledge needed to deliver best-in-class acoustic floors for every application.

All floor coverings in the Sarlon acoustic vinyl range have been developed and tested to maximise impact sound reduction, even in heavily trafficked bus and coach vehicles. The range is also available in two levels of impact sound reduction: 15 dB and 19 dB, to suit all types of applications.

Combining great aesthetics, indentation resistance and enhanced acoustic properties, Sarlon is an excellent all-round performer. It also requires minimal cleaning and maintenance, thanks to the XtremPUR™ protective finish.

- **Wear layer thickness of 0.7mm**
- **R10 slip resistance**
- **Best in class stain and chemical resistance**
- **Very low TVOC (< 0.01 mg/m³)**
- **Matt finish**
- **Improved scratch resistance**
- **Easy to clean**
- **Phthalate free**

Sarlon construction



sarlon®

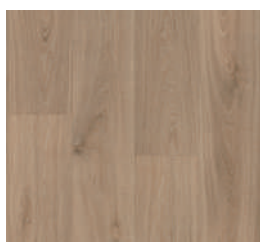
An inspiring collection of vibrant colourways along with natural wood and mineral designs.



22



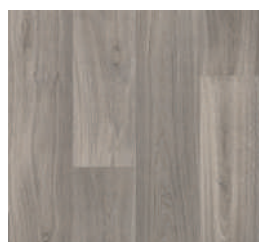
8413 | natural oak LRV 32



8483 | scandinavian oak LRV 32



8421 | polar oak LRV 39



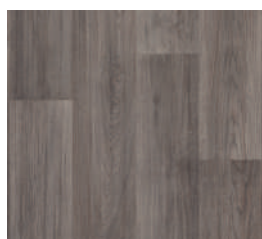
8412 | grey silver oak LRV 26



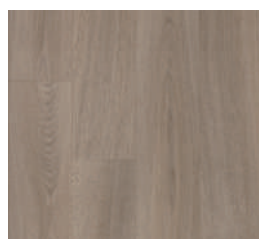
8513 | blond chill oak LRV 29



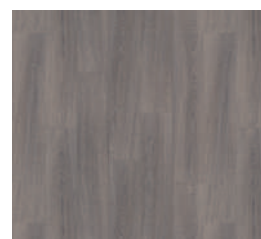
8514 | pure chill oak LRV 27



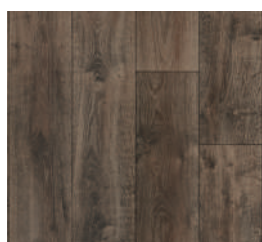
8512 | smoked chill oak LRV 25



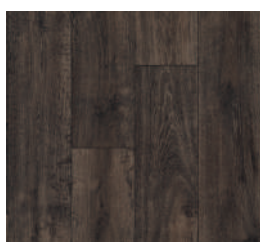
8420 | clay oak XL LRV 23



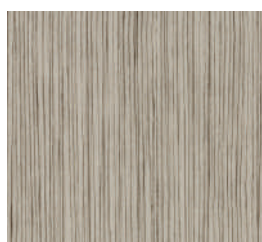
8422 | carbon oak XL LRV 16



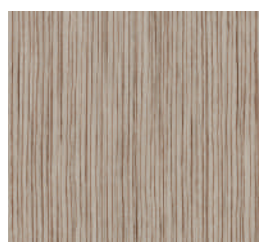
8224 | brown rustic oak LRV 11



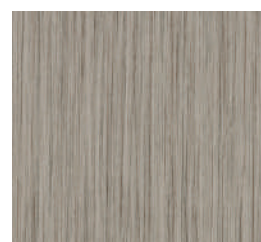
8229 | burned charcoal rustic oak LRV 9



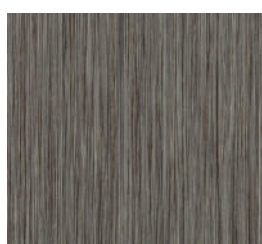
311 | light grey zebrano LRV 44



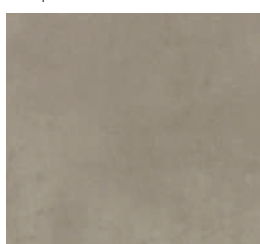
313 | sand zebrano LRV 38



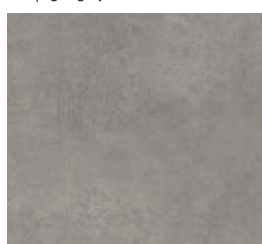
121 | grey linea LRV 36



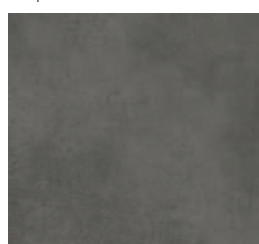
132 | charcoal linea LRV 17



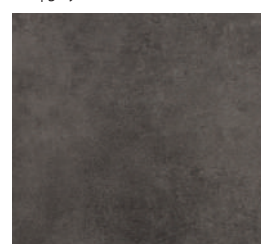
713 | peanut concrete LRV 28



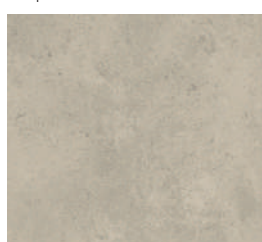
771 | silver concrete LRV 28



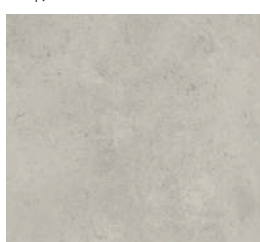
761 | steel concrete LRV 16



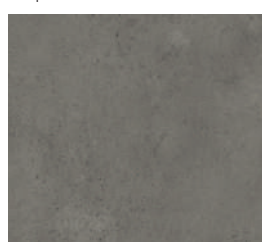
742 | pewter concrete LRV 12



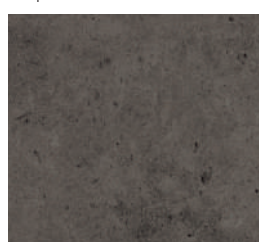
573 | clay cement LRV 41



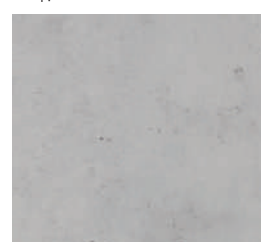
570 | chalk cement LRV 49



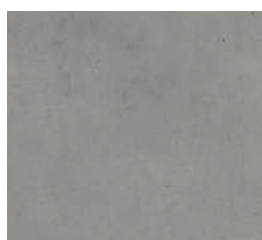
572 | medium grey cement LRV 25



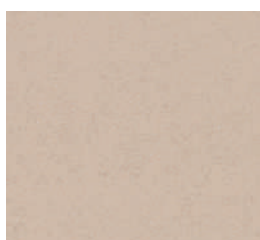
579 | slate cement LRV 15



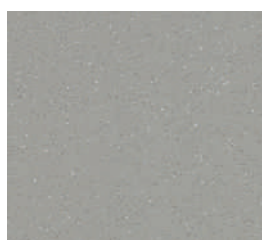
651 | silver slabstone LRV 44



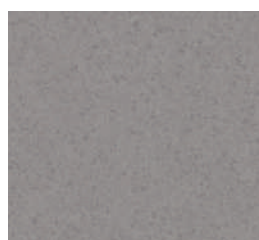
659 | mercury slabstone LRV 28



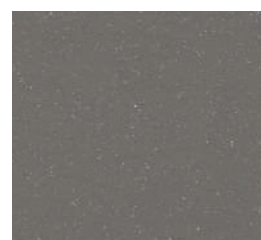
3811 | grey beige cristal LRV 47



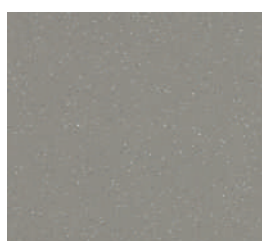
3801 | pearl cristal LRV 41



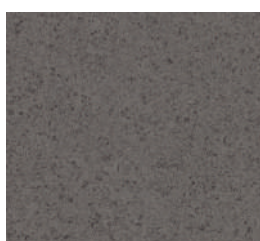
212 | grey canyon LRV 27



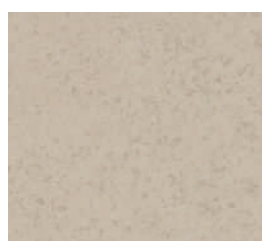
3819 | medium grey cristal LRV 18



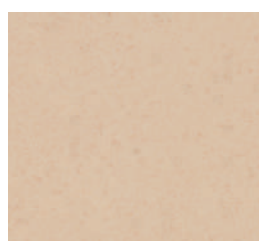
3812 | light grey cristal LRV 29



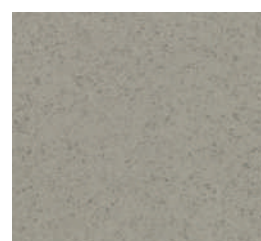
209 | medium grey canyon LRV 19



200 | ivory canyon LRV 50



223 | sand canyon LRV 53



211 | light grey canyon LRV 34



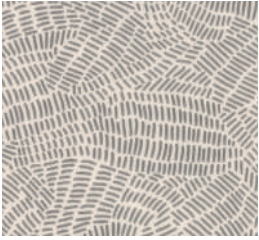
235 | lemon canyon LRV 60



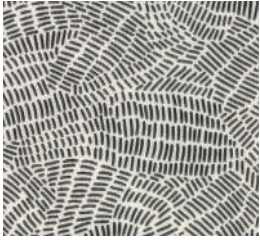
248 | lime green canyon LRV 49



267 | cobalt blue canyon LRV 42



402 | grey & white doodle LRV 48



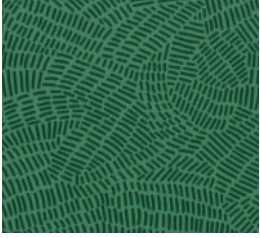
409 | black & white doodle LRV 33



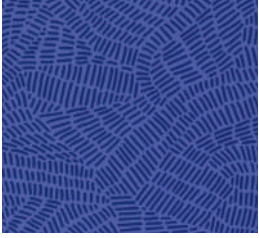
405 | yellow doodle LRV 55



406 | red doodle LRV 13



408 | dark green doodle LRV 13



407 | blue doodle LRV 10



922 | steel grey topography LRV 29



919 | grey topography LRV 13



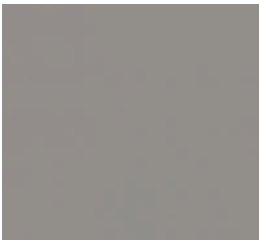
928 | lime topography LRV 54



863 | beige grey uni LRV 39



861 | light grey uni LRV 41



862 | stone grey uni LRV 27



869 | charcoal uni LRV 13



868 | lime uni LRV 48



878 | dark green uni LRV 14



877 | dark blue uni LRV 6



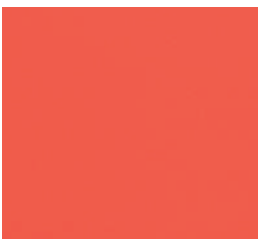
867 | blue uni LRV 17



865 | yellow uni LRV 61



866 | mandarine uni LRV 33



876 | orange uni LRV 22



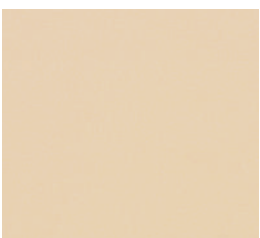
886 | red uni LRV 13



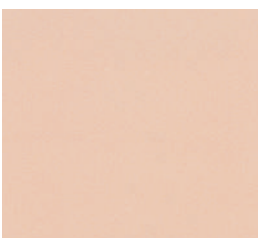
4817 | soft blue stardust LRV 61



4827 | deep blue stardust LRV 24



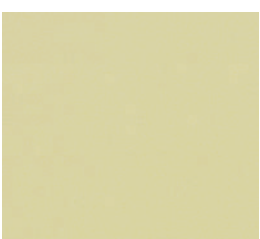
4803 | vanilla stardust LRV 69



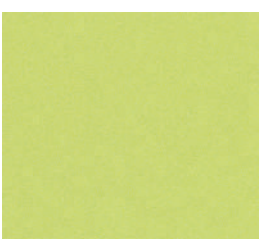
4806 | soft peach stardust LRV 57



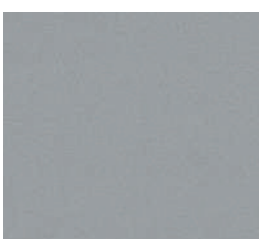
4807 | lilac stardust LRV 64



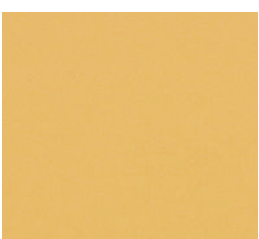
4808 | soft pistache stardust LRV 69



4818 | lime stardust LRV 70



4801 | silver stardust LRV 35



4805 | golden stardust LRV 52



4804 | copper stardust LRV 20



Flotex is a unique flocked floor covering, which combines the durability and easy maintenance of a resilient flooring with the comfort, slip resistance and acoustic properties of a textile.

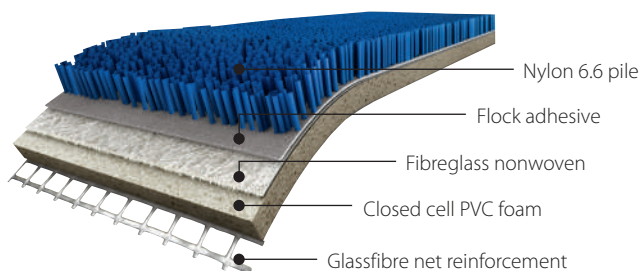
The toughness and durability of Flotex comes as a result of the high pile density, with over 70 million polyamide 6.6 fibres per square metre.

- **High definition print offers you complete freedom of design**
- **Bespoke design service**
- **Lightweight approximately 1800 gram/m²**
- **Easy to clean**
- **Impervious backing makes it suitable for wet cleaning**
- **Excellent acoustic properties up to 20 dB**
- **Slip resistance > 0.30**
- **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 ECE R118-2 (Pass)**



Thanks to our specialist printing technology, high-definition quality designs and images can also be digitally printed onto the surface of Flotex, providing specifiers with ultimate design flexibility for bus and coach applications.

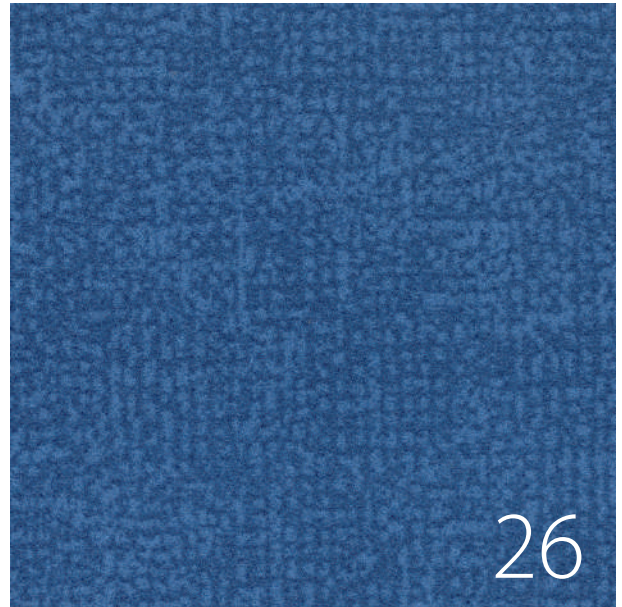
Flotex construction



FLOCKED FLOORING

flotex® colour

Flotex colour is a collection of four designs: Metro, Penang, Calgary and Canyon. Together, they form a rhapsody of colour across a broad spectrum.



flotex® vision

Flotex Vision offers an infinite number of design options ranging from abstracts with an intricate colour spectrum to realistic images of natural materials.



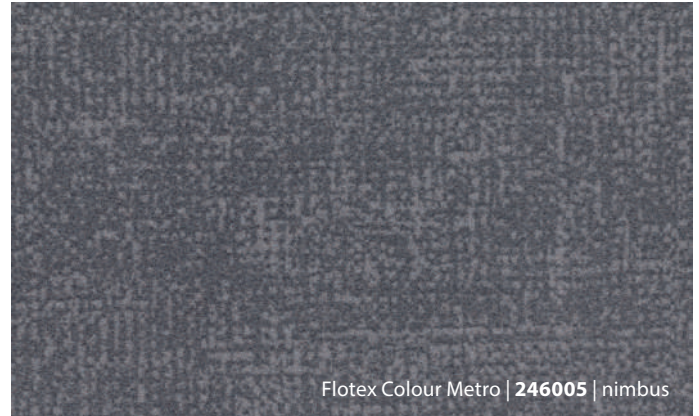
flotex® colour

A collection of four semi plain designs. The full colour palette can be viewed on pages 30 and 31.

Metro

Metro is a versatile semi-plain floor design which covers a wide and modern colour bank. The understated pattern conveys texture without definite form, creating an authentic feel that is unique to Flotex flooring.

Available in 35 colourways



Penang

Flotex Penang offers a stunning look for any modern environment. It creates a subtle linear effect and comes in a range of rich modern shades.

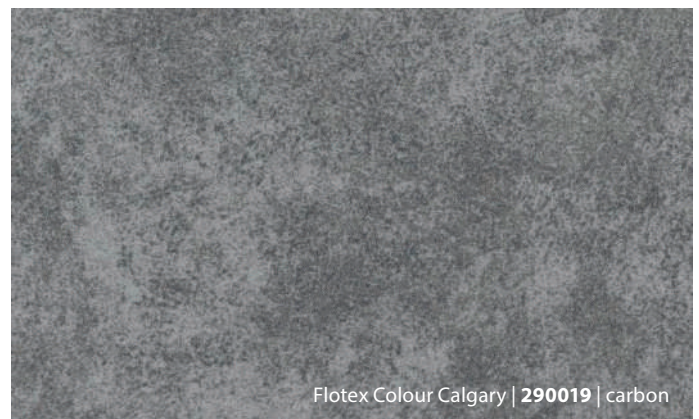
Available in 21 colourways



Calgary

Flotex Calgary offers a wide colour choice in a soft, natural design that works well in larger areas. The pattern can be easily combined with complementary Flotex or resilient ranges and is the perfect choice for application areas that require a muted ambience.

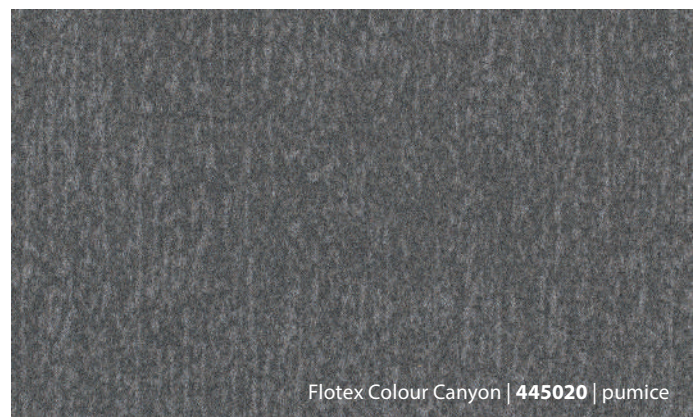
Available in 22 colourways



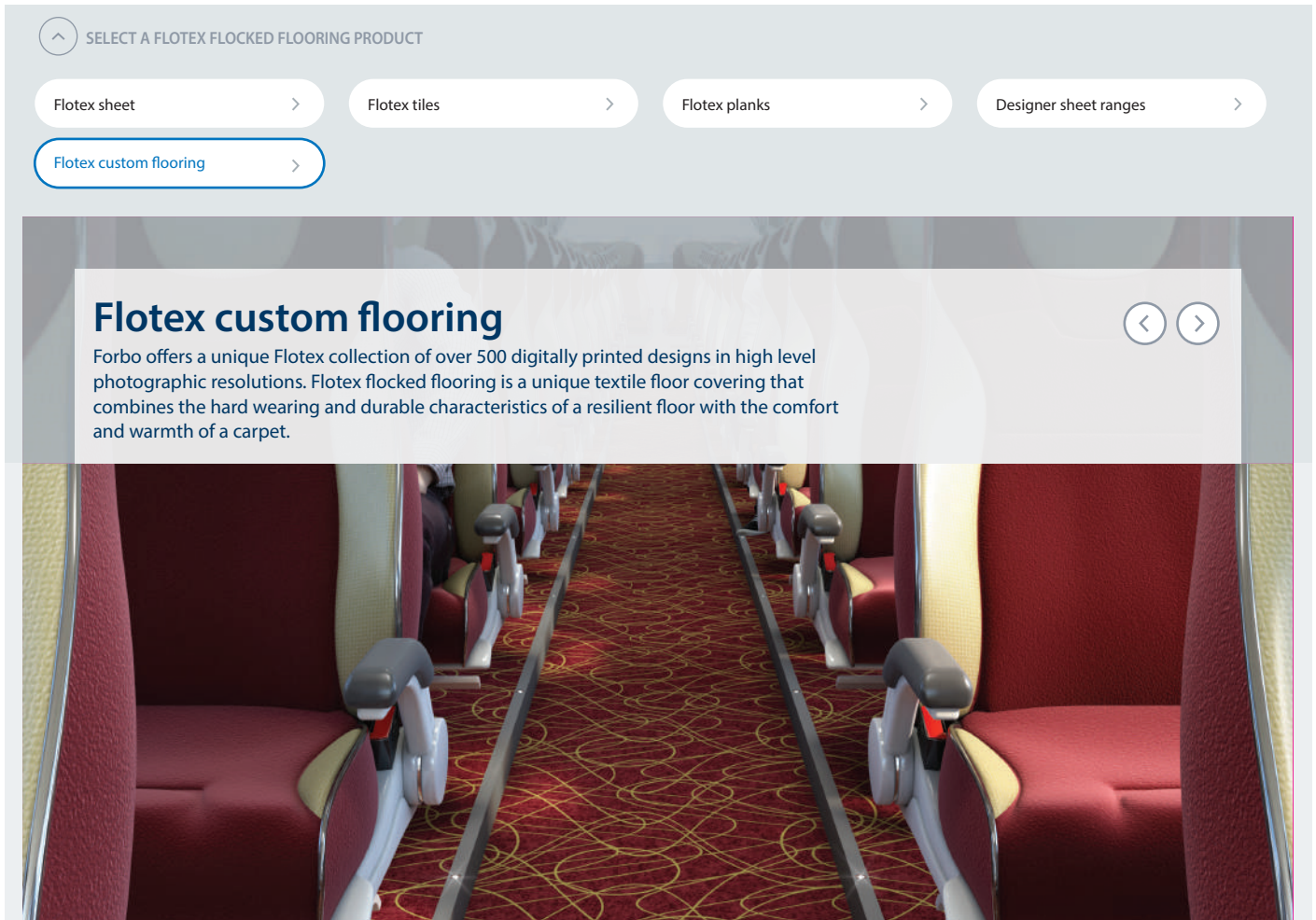
Canyon

Flotex Canyon is a heavily grained semi-plain design. Inspired by natural earth and rock, it has a distinctive strong texture with a medium contrast.

Available in 12 colourways



A unique collection of high definition digitally printed designs ranging from abstracts with an intricate colour spectrum to realistic images of natural materials. With over 500 references in total to choose from, Flotex Vision is offered to you in a flexible and always up-to-date digital library: **www.flotexvision.com**.



High definition digital print

As Flotex flocked flooring has over 70 million fibres per square metre, it provides a matte high-density substrate for printing, enabling vibrant designs and true to life visuals that can be produced in high level photographic resolutions.

Endless design options

Digital printing is well suited to designs that require visual detail and effects that cannot easily be reached through conventional printing.

Design themes

To give you some guidance and offer you a logical design path we have created 12 different categories within the library, each of them representing a different design style (i.e. linear, geometric, naturals...). In addition to the standard items in the library, we also offer the option to create your own bespoke colourways on some designs, which can be seen via the digital library.

Bespoke design

It is also possible to create your own unique designs. This is not part of the online library but can be discussed with your local Forbo Transport Key Account Manager. You can also email us: **transport@forbo.com** for more information.

FLOTEX – BESPOKE DESIGN SERVICE

With Forbo Flooring Systems you can create your own masterpiece, using our bespoke design service and high-definition printing technology. Our experienced designers can help at any stage of the design process, depending on the level of support you require.

Whether you are looking for design inspiration, the re-colouration of existing designs or the development of a flooring design that is unique to your bus or coach's interior scheme, we have the resources to help.

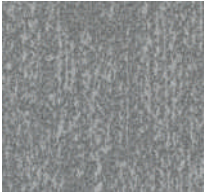
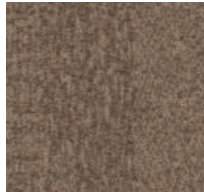
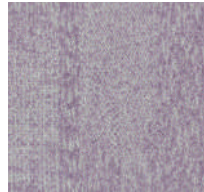
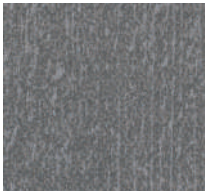
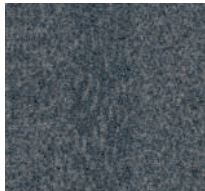
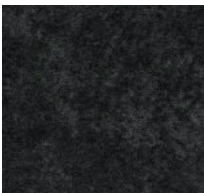
STEPS IN THE **BESPOKE DESIGN PROCESS:**

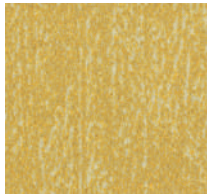
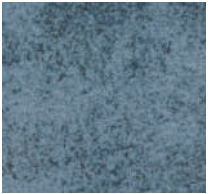
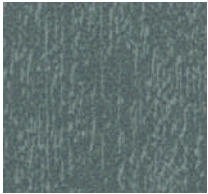
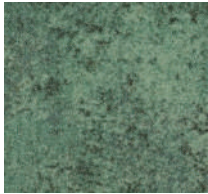
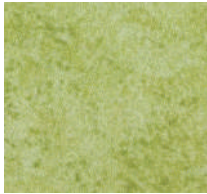
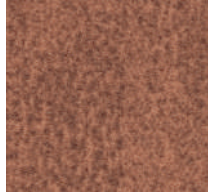
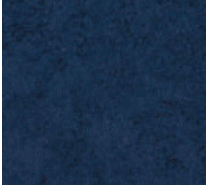
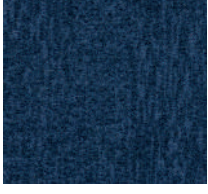


FLOTEX OFFERS REAL **DESIGN FREEDOM**

flotex® colour

metro | penang | calgary | canyon

 445022 canyon limestone LRV 17	 290019 calgary carbon LRV 18	 290011 calgary quartz LRV 28	 482018 penang bamboo LRV 21	 445025 canyon earth LRV 16	 290017 calgary crystal LRV 16
 290012 calgary cement LRV 13	 445023 canyon linen LRV 17	 290026 calgary linen LRV 16	 482075 penang flax LRV 15	 246012 metro sand LRV 18	 482027 penang orchid LRV 22
 482007 penang zinc LRV 9	 246005 metro nimbus LRV 13	 246011 metro pebble LRV 14	 290007 calgary suede LRV 23	 290013 calgary caramel LRV 17	 482023 penang dusk LRV 8
 246006 metro grey LRV 8	 482005 penang smoke LRV 14	 482017 penang nimbus LRV 14	 246029 metro truffle LRV 9	 290023 calgary espresso LRV 15	 290022 calgary condor LRV 10
 482037 penang grey LRV 10	 445021 canyon stone LRV 13	 482004 penang mercury LRV 10	 482015 penang beige LRV 12	 482016 penang coral LRV 16	 246035 metro pink LRV 7
 290010 calgary ash LRV 4	 445020 canyon pumice LRV 8	 246002 metro tempest LRV 7	 482020 penang shale LRV 10	 445026 canyon garnet LRV 7	 246034 metro lilac LRV 9
 246007 metro ash LRV 4	 482031 penang ash LRV 5	 290002 calgary grey LRV 8	 246014 metro concrete LRV 4	 246009 metro pepper LRV 9	 482024 penang purple LRV 5
 482001 penang anthracite LRV 3	 246008 metro anthracite LRV 3	 445019 canyon slate LRV 4	 246010 metro chocolate LRV 3	 246015 metro cocoa LRV 7	 246016 metro grape LRV 5

 445024 canyon cloud LRV 24	 290021 calgary aqua LRV 29	 246018 metro mineral LRV 15	 482006 penang sage LRV 35	 445030 canyon sulphur LRV 31	 290006 calgary sahara LRV 29
 290001 calgary sky LRV 15	 445029 canyon seafoam LRV 11	 290009 calgary moss LRV 13	 290014 calgary lime LRV 36	 246013 metro amber LRV 22	 290008 calgary saffron LRV 28
 246004 metro gull LRV 11	 290004 calgary menthol LRV 17	 246037 metro apple LRV 15	 445027 canyon kelp LRV 19	 246036 metro gold LRV 30	 482019 penang ginger LRV 18
 290025 calgary riviera LRV 20	 482011 penang sapphire LRV 17	 246033 metro emerald LRV 11	 246019 metro citrus LRV 18	 290005 calgary melon LRV 10	 246017 metro berry LRV 5
 445028 canyon sapphire LRV 15	 246020 metro lagoon LRV 10	 246028 metro jade LRV 7	 246025 metro tangerine LRV 17	 246031 metro cherry LRV 6	 246026 metro red LRV 9
 246024 metro carbon LRV 5	 246032 metro petrol LRV 4	 246021 metro moss LRV 7	 290024 calgary fire LRV 11		
 290015 calgary azure LRV 4	 482026 penang neptune LRV 10	 482010 penang evergreen LRV 7	 246030 metro cinnamon LRV 4		
 246001 metro indigo LRV 3	 482116 penang azure LRV 4	 246022 metro evergreen LRV 6	 246027 metro burgundy LRV 2		



flotex[®] vision – Wood

Shown here are just a few of the Flotex Vision wood designs. To view the full collection please go to our online digital library: www.flotexvision.com



010078 | shaded oak LRV 21



010058 | titanium oak LRV 26



010076 | limed wood LRV 25



010038 | white oak LRV 30



010039 | European white wood LRV 23



010073 | heritage plank LRV 14



010075 | warm oak LRV 15



010041 | smoked beech LRV 28



010074 | shadow plank LRV 8



010040 | antique pine LRV 12



010036 | American oak LRV 20



010042 | steamed beech LRV 26



010037 | blackened oak LRV 7



010055 | chestnut LRV 9



010077 | smoked walnut LRV 9



010035 | distressed oak LRV 19

DESIGN SERVICE

Floor coverings are a crucial element of any bus or coach's interior design; it creates the first impression and helps to set the tone. Whether you are looking to recreate a logo or design feature, match that perfect colour for your interior or visualise an entire floor scheme, here at Forbo Flooring Systems, 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, providing step-by-step assistance throughout the creative process, from the initial brief through to your approved samples.



**CUSTOM
FLOORING**



coral® FR

Custom colourways are an option for each of the Coral FR entrance flooring system products. Inset logos can also be designed to match your requirements.

flotex®

Whether you are looking for a re-colouration of an existing design or the creation of something bespoke, our design team can help.

eternal

Our digital printing service allows you to either re-colour selected designs or create a completely customised floor covering.

step®

Surestep digital print allows you to create custom safety flooring.

Bespoke designs for any of our flooring solutions are made to order and lead times can be provided upon request.

For more information please contact your local Transport Key Account Manager or email: transport@forbo.com

SERVICES

In addition to our comprehensive product portfolio for the bus and coach 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.



CUT TO SHAPE

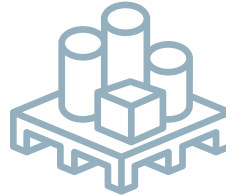
Cutting to size and shape – In order to save time and costs during installation, we are able to cut to specific roll lengths or to detailed floor plans, so that the floor covering can be easily put into place.

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



BESPOKE LABELING

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.



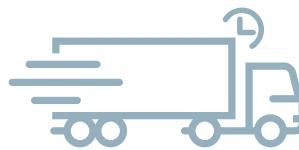
SPECIFIC PACKAGING

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

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

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

Technical specifications

Coral meets the requirements of EN 1307

		Coral classic FR	Coral brush FR	Coral welcome FR
	Total thickness	ISO 1765 / EN ISO 24346	approx. 8.0 mm	approx. 9.0 mm
	Roll width	EN ISO 24341	185 cm	190 cm
	Roll length	EN ISO 24341	27.5 m	27.5 m
	Total weight	ISO 8543 / EN ISO 23997	3400 g/m ²	2500 g/m ²
	Pile installation weight	ISO 8543	870 g/m ²	750 g/m ²
	Pile thickness	ISO 1766	6.0 mm	6.5 mm
	Pile material		100% BCF solution dyed	100% regenerated Econyl polyamide
	Light fastness	EN ISO 105/B02	≥ 7	≥ 8
	Organic solvents	EN ISO 105/X05	04-May	04-May
	Electrical resistance	EN1081 / ISO 10965	> 1.10 ⁹ Ω	> 1.10 ⁸ Ω
	Slip resistance	EN 13893	μ ≥ 0.30	μ ≥ 0.30
	Reaction to fire	ECE R 118-2	Pass	Pass
	Body voltage	EN 1815 / ISO 6356	< 2 kV antistatic	< 2 kV antistatic
	Thermal conductivity	EN 12524 / ISO 8302	0.13 m ² .K/W	0.093 m ² .K/W

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 – FLOTEX

Technical specifications

Flotex meets the requirements of EN 1307

			Flotex Colour	Flotex Vision
	Total thickness	ISO 1765	4.3 mm	4.3 mm
	Commercial use	EN ISO 10874	Class 33	Class 33
	Roll width	EN ISO 24341	2.0 m	2.0 m
	Roll length	EN ISO 24341	± 30 m	± 30 m
	Total weight	ISO 8543	1800 g/m ²	1800 g/m ²
	Pile composition		100% polyamide 6.6	100% polyamide 6.6
	Dimensional stability	ISO 2551	≤ 0.20%	≤ 0.20%
	Slip resistance	UK SRG pendulum	Dry: very low slip risk Wet: low slip risk	Dry: very low slip risk Wet: low slip risk
	Acoustical impact noise reduction	EN ISO 717-2	≥ 20 dB	≥ 20 dB
	Acoustical sound absorption	ISO 354	α _w = 0.10 (H)	α _w = 0.10 (H)
	Castor chair continuous use	EN985	r ≥ 2.4	r ≥ 2.4
	Colour fastness to light	EN ISO 105-B02	≥ 6	≥ 5
	Indoor air emissions: TVOC after 28 days	EN 16516	≤ 0.1 mg/m ³	≤ 0.1 mg/m ³
	Abrasion resistance	EN 1307 annex F	> 1000 cycles	> 1000 cycles
	Water impermeability	EN 1307 annex G	Pass	Pass
Meets the requirements of EN 14041:2004				
	DoP		1200101-DoP-012	1200301-DoP-306
	Reaction to fire	EN 13501-1 ECE R 118-2	B _{fl} -s1, L, NCS Pass	B _{fl} -s1, L, NCS Pass
	Body voltage	ISO 6356	< 2 kV	< 2 kV
	Thermal conductivity	ISO 12524	0.06 W/mK	0.06 W/mK

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TECHNICAL SPECIFICATIONS – ETERNAL

Technical specifications

Eternal meets the requirements of EN ISO 10582

Eternal

	Total thickness	EN ISO 24346	2.0 mm
	Wear layer binder content	EN ISO 10582	Type 1
	Wear layer thickness	EN ISO 24340	0.70 mm
	Domestic use	EN ISO 10874	23
	Commercial use	EN ISO 10874	34
	Light industrial use	EN ISO 10874	43
	Roll width	EN ISO 24342	2 m
	Roll length	EN ISO 24342	± 25 m
	Total weight	EN ISO 23977	2700 g/m ²
	Dimensional stability	EN ISO 23999	≤ 0.20%
	Slip resistance (ramp test)	DIN 51130	R10
	Castor chair continuous use	ISO 4918	Pass
	Residual indentation <i>Typical value</i>	EN ISO 24343-1	≤ 0.10 mm ~ 0.02 mm
	Light fastness	ISO 105-B02	≥ 6
	Indoor air emissions: TVOC after 28 days	EN 16516	≤ 0.05 mg/m ³
	Resistance to chemicals	EN ISO 26987	Very good
	Electrical resistance	ISO 1081	> 1.10 ⁹ Ω
	Flexibility	EN ISO 24344	ø 10 mm
	Use in wet areas	EN 13553	Yes
Meets the requirements of EN 14041:2004			
	DoP		0200105-DoP-306
	Reaction to fire	EN 13501-1 ECE R 118-2	B _{fl} -s1, G, NCS Pass
	Slip resistance	EN 13893	μ > 0.30
	Body voltage	EN ISO 23999	< 2 kV
	Thermal conductivity	ISO 12524	0.25 W/mK

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TECHNICAL SPECIFICATIONS – STEP

Technical specifications

Step meets the requirements of EN ISO 10582 / EN 13845

Safestep R11

Safestep R12

Surestep Original

	Total thickness	EN ISO 24346	2.0 mm	2.0 mm	2.0 mm
	Wear layer binder content	EN ISO 10582	Type 1	Type 1	Type 1
	Wear layer thickness	EN ISO 24340	0.70 mm	0.70 mm	0.70 mm
	Domestic use	EN ISO 10874	23	23	23
	Commercial use	EN ISO 10874	34	34	34
	Light industrial use	EN ISO 10874	43	43	43
	Roll width	EN ISO 24342	2 m	2 m	2 m
	Roll length	EN ISO 24342	20 - 27 m	20 - 27 m	20 - 27 m
	Total weight	EN ISO 23977	2750 g/m ²	2750 g/m ²	2750 g/m ²
	Dimensional stability	EN ISO 23999	≤ 0.1%	≤ 0.1%	≤ 0.1%
	Castor chair continuous use	ISO 4918	Pass	Pass	Pass
	Residual indentation <i>Typical value</i>	EN ISO 24343-1	≤ 0.10 mm ~ 0.04 mm	≤ 0.10 mm ~ 0.04 mm	≤ 0.10 mm ~ 0.04 mm
	Light fastness	ISO 105-B02	≥ 6	≥ 6	≥ 6
	Indoor air emissions: TVOC after 28 days	EN 16516	≤ 0.05 mg/m ³	≤ 0.05 mg/m ³	≤ 0.05 mg/m ³
	Resistance to chemicals	EN ISO 26987	Very good	Very good	Very good
	Electrical resistance	ISO 1081	> 1.10 ⁹ Ω	> 1.10 ⁹ Ω	> 1.10 ⁹ Ω
	Flexibility	EN ISO 24344	ø 10 mm	ø 10 mm	ø 10 mm
	Use in wet areas	EN 13553	Yes	Yes	Yes
	Slip resistance	DIN 51130	R11	R12	R10
		EN 13845 Annex C	ESf	ESf	ESf
		EN 13845 Annex D 50.000 revolutions	Class 34/43	Class 34/43	Class 34/43
Meets the requirements of EN 14041:2004					
	DoP		0200101-DoP-306	0200101-DoP-306	0200101-DoP-306
	Reaction to fire	EN 13501-1 ECE R 118-2	B _{f1} -s1, G, NCS Pass	B _{f1} -s1, G, NCS Pass	B _{f1} -s1, G, NCS Pass
	Slip resistance	EN 13893	μ > 0.30	μ > 0.30	μ > 0.30
	Body voltage	EN 1815	< 2 kV	< 2 kV	< 2 kV
	Thermal conductivity	ISO 12524	0.25 W/mK	0.25 W/mK	0.25 W/mK

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TECHNICAL SPECIFICATIONS – SARLON

Technical specifications

Sarlon meets the requirements of EN 651 and ISO 11638

Technical specifications		Sarlon 15 dB	Sarlon 19 dB	
	Total thickness	EN ISO 24346	2.6 mm	3.4 mm
	Wear layer thickness	EN ISO 24340	0.70 mm	0.70 mm
	Commercial use	EN ISO 10874	34	34
	Light industrial use	EN ISO 10874	42	42
	Packaging		Rolls	Rolls
	Roll width	EN ISO 24342	2 m	2 m
	Roll length	EN ISO 24342	25 lm	25 lm
	Total weight	EN ISO 23977	2700 g/m²	2900 g/m²
	Impact sound reduction	EN ISO 717-2	ΔLw = 15 dB	ΔLw = 19 dB
	In-room impact noise	NF S 31-074	L _{n,e,w} < 65 dB, Class A	L _{n,e,w} < 65 dB, Class A
	Sound absorption	EN ISO 354 EN ISO 11654	α _w = ± 0.05	α _w = ± 0.05
	Residual indentation (typical value) <i>Requirement</i>	EN ISO 24343-1	0.05 mm ≤ 0.20 mm	0.08 mm ≤ 0.20 mm
	Slip resistance	DIN 51130	R10	R10
	Abrasion resistance	EN 660-2	T	T
	Castor chair resistance	ISO 4918	Yes	Yes
	Furniture leg resistance	EN ISO 16581	compliant	compliant
	Dimensional stability	EN ISO 23999	< 0.10%	< 0.10%
	Colour fastness to light <i>Requirement</i>	EN ISO 105-B02	7 ≥ 6	7 ≥ 6
	Stain resistance	EN ISO 26987	Excellent	Excellent
	Surface treatment		XtremPUR™	XtremPUR™
	Emissions into air: TVOC* at 28 days	EN 16516	≤ 0.01 mg/m³	≤ 0.01 mg/m³
	REACH (European regulation)	1907/2006/CE	compliant ⁽¹⁾	compliant ⁽¹⁾
	Compliance	EN 14041	0200860-DOP-010	0200859-DOP-010
	Reaction to fire	EN 13501-1	B _f -s1, L, NCS	B _f -s1, L, NCS
	Slip resistance	EN 13893	μ ≥ 0.30	μ ≥ 0.30
	Body voltage	EN 1815	≤ 2 kV	≤ 2 kV
	Thermal conductivity ⁽²⁾	ISO 12524 (EN ISO 10456)	0.25 W/(m.K)	0.25 W/(m.K)

* TVOC: total volatile organic compounds.

(1) The articles (products) do not contain substances of the candidate list published by ECHA (SVHC substances of very high concern) to be declared in accordance with REACH.

(2) The products are suitable for underfloor heating

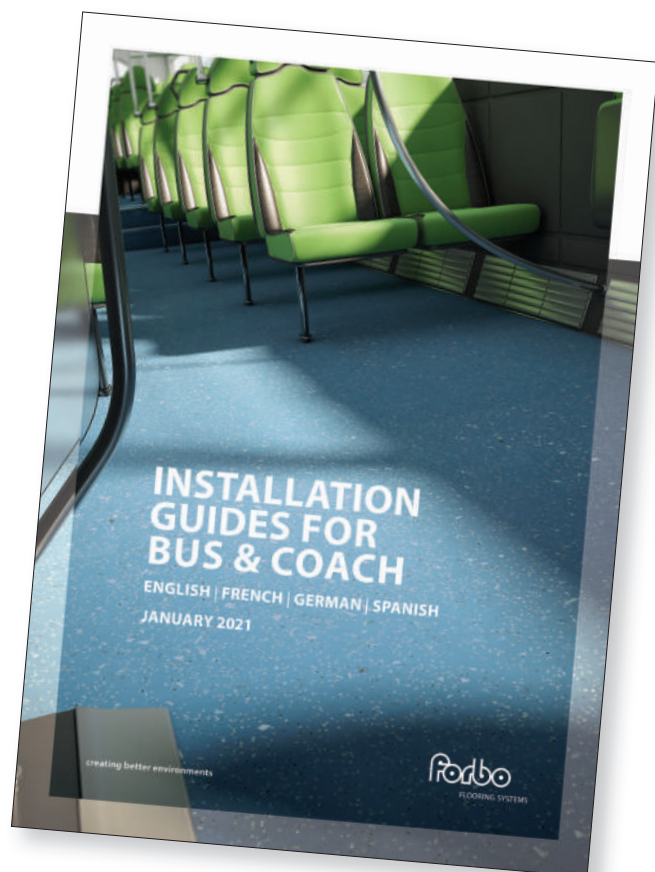
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INSTALLATION, **CLEANING & MAINTENANCE**

Installation Guide

You can find our latest bus and coach specific installation guide for the full portfolio of floor coverings on our website: **www.forbo-flooring.com/transport**



Cleaning & Maintenance Guide

You can find our latest bus and coach specific cleaning and maintenance guide for the full portfolio of floor coverings on our website: **www.forbo-flooring.com/transport**



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

Email: transport@forbo.com

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 bus and coach 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.



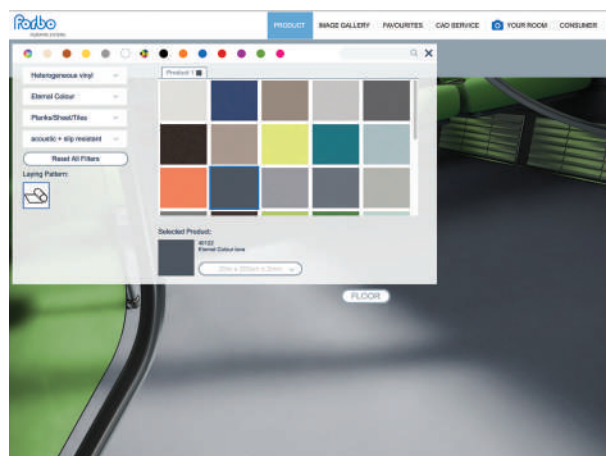
FURTHER INFORMATION

Online services

Access Forbo 24/7 to find inspiration and information by visiting **www.forbo-flooring.com/bus**. 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**

@forbotransport



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 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/bus

Tel: +44 (0)1773 744121

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.



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/bus

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

Let us keep you up-to-date

 LinkedIn: **Forbo Flooring Transport**

 **@forbotransport**



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