



BY APPOINTMENT TO H.M. THE QUEEN
MANUFACTURERS OF FLOORCOVERING
FORBO FLOORING UK LTD KIRKCALDY

CI/SfB
| (43) | Tn |
September 2020



Resilient Floor Coverings

project vinyl

creating better environments

Forbo
FLOORING SYSTEMS

PROJECT VINYL

Forbo Flooring Systems has been manufacturing floor coverings for over 100 years and our project vinyl brands are well established in the world of flooring.

Our complete vinyl portfolio offers flooring solutions that encompass general purpose (both heterogeneous and homogeneous), safety, acoustic, adhesive free, static control, design tiles and wetroom solutions.

Produced and designed in Europe by Forbo, our project vinyl ranges offer eye-catching designs with exceptional performance and a low maintenance, stain resistant finish.

allura

Luxury vinyl tiles

Produced and designed in Europe, Allura is a versatile luxury vinyl tile (LVT) collection with products that suit a wide range of applications and functionalities including loose lay, click and adhesive free options.



6

FASTFIT ⚙️

Rapid, reusable flooring

Fast Fit is Forbo's collection of genuinely adhesive free products including entrance products and interior flooring ranges in sheet, tile and plank format for maximum flexibility.



26

eternal

General purpose vinyl

Forbo's Eternal general purpose vinyl collection offers a superb combination of state-of-the-art designs in a strong, durable, fit-for-purpose range; suitable for any commercial interior. Create your own, truly individual floor with Forbo's bespoke digital printed vinyl.



36

sphera®

General purpose homogeneous vinyl

Sphera is Forbo's new premium, homogeneous vinyl collection. Styled by our European design team and using the latest production technology in a new purpose built manufacturing plant.



50

PROJECT VINYL COLLECTION AT A GLANCE

fabscrap

Homogeneous vinyl

Fabscrap is a homogeneous floor covering that is created by using the rest material of the Sphera production runs, creating a new colourful chip mix that is processed into a unique near zero emission floor covering.



60

step®

Safety vinyl

The Step collection combines highly differentiated aesthetics with outstanding slip resistant properties (with ratings from R10 to R12). In addition, our Surestep Decibel range offers a selection of 12 items with 17dB impact sound reduction, while Surestep Digital Print option takes safety flooring to the next dimension.



62

step® onyx+

Wetroom vinyl

Our Wetroom collection offers a variety of options suitable for use in barefoot and wetroom application areas, along with our Onyx+ range of complementary wall coverings.



76

sarlon®

Acoustic vinyl

With a choice of over 15 ranges comprising 100 colours, our acoustic vinyl offers excellent design opportunities and a choice of 15 and 19 dB impact sound reduction ratings.



82

The Under Control collection

Static control flooring

For areas that require a more specialised type of flooring, such as electro static discharge (ESD) protected facilities and ISO standard Cleanrooms, Forbo has a range of products that meet the very highest standards. Colorex is the ideal static control flooring system for sectors such as electronics, pharmaceuticals, health, data centres and server rooms.



96

LUXURY VINYL TILES

ALLURA – MADE WITH PASSION

Allura is made for end users and professionals in the flooring business by professionals in commercial flooring.

Allura has always been made with passion and knowledge and represents the next generation of LVT flooring.

At Forbo, we study how people work, live and interact in today's commercial interiors. We connect this knowledge to future trends and the changing dynamics of a building; we use our findings to innovate and differentiate our portfolio of products through design and function.

We solve today's and tomorrow's challenges by providing answers to key issues such as limiting valuable downtime, the re-use of floors and minimising environmental impacts.

See page 26 for more information.

allura All-In-One

In the All-In-One collection you will find 51 items which are **ALL AVAILABLE** in Dryback, Flex and Click Pro constructions.



13

allura dryback

Fully adhered

- Largest choice in design, colour, size and shape
- Choice of wearlayer to meet usage and budget requirements



14

allura flex

Tackified loose lay

- Easy and quick, only using tackifier to install
- Stable product for demanding applications of any size
- Can be used alongside Tessera carpet tiles and planks without the need for a transition strip
- Special backing for extra comfort and improved impact sound reduction



22

ALLURA COLLECTION AT A GLANCE

FASTFIT ⌂ by allura

Rapid, reusable flooring

Suitable for applications where reduced installation and downtime is essential.



26



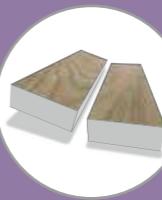
FASTFIT ⌂
Rapid, reusable flooring

27



FASTFIT ⌂
Rapid, reusable flooring

30



FASTFIT ⌂
Rapid, reusable flooring

31

allura ease

Fully loose laid and the quickest solution to install.

- Easy to install but also to remove, re-use and recycle



32

allura decibel

30 item range with 19 dB impact sound reduction.



FASTFIT ⌂
Rapid, reusable flooring

35

allura colour plus

Rapid flooring solution with honeycomb system on the reverse.

FIND THE RIGHT ALLURA COLLECTION FOR YOUR PROJECT

Every project is different and has its own specific demands. This can be in relation to the subfloor, the volume of traffic that passes through, or the size of the project. One thing is certain, we have the right solution in our Allura portfolio.

	SIZE OF AREA WITHOUT TRANSITION	IMPACT SOUND REDUCTION EN ISO 717-2	ADHESION	REMOVABILITY	SPEED OF INSTALL	APPLICATION AREAS	PROPOSITION
Dryback	Unlimited	6 dB	Fully stuck	Low – fully bonded	Traditional speed	General purpose	Widest choice of design
Flex	Unlimited	14 dB	Tackified	Removable	Fast	Commercial offices	Perfect complement to carpet tiles and planks, no transition needed
Click Pro	<1000m ²	7 dB/15 dB in combination with Forbo underlay	None	Reusable	Fastest	Residential, small commercial	No adhesive, ease of installation, DIY solution
Ease	<250m ²	7 dB	None	Reusable	Fastest	Ultra-quick refurbishment	No adhesive, ease of installation, ultra fast refurbishment
Puzzle	<500m ²	7 dB	None	Reusable	Fastest	Retail high traffic, overnight solution	Simple no adhesive solution, ultra fast refurbishment in high traffic areas
Decibel	Unlimited	19 dB	Tackified	Removable	Fast	Accommodation, housing	Removable acoustic solution without the need for 2 part installation process

HOW TO SPECIFY YOUR ORDER

The project requirements dictate which product is most suitable.

DR7 – Allura dryback wear layer 0.70mm

DR5 – Allura dryback wear layer 0.55mm

DR4 – Allura dryback wear layer 0.40mm

FL1 – Allura flex wear layer 1.0mm

FL5 – Allura flex wear layer 0.55mm

CL5 – Allura click pro wear layer 0.55mm

EA7 – Allura ease wear layer 0.70mm

PZ7 – Allura puzzle wear layer 0.70mm

The colourway numbers are mentioned below the sample. Add the code above as a suffix after the colourway number to specify your required format of the product. Items with multiple executions (size or shape) each have a different colourway number.

Please note that not all designs are available in every product construction.

Example:

When you want the grey waxed oak in Allura Flex with wear layer thickness 0.55 mm. Take the colourway number of grey waxed oak which is 63496 and add FL5 to the number.

This is how you would specify this example order:

63496 FL5

Colourway number Construction type

UNDERSTANDING ALLURA

Throughout the Allura section you will see several letters and icons below each colourway, here we explain what these letters and icons mean!



bleached rustic pine DR | FL | CL
60084 | 120 x 20 cm |

EXAMPLE 1

(Taken from the Dryback section)

Bleached rustic pine is the colourway name

- 60084 is the colourway number

- This colourway is available in **Dryback** (DR), **Flex** (FL) and **Click Pro** (CL)

- The Dryback plank size is 120 x 20cm

- It has a 4 sided bevel

- It has in register embossing

THE SYMBOLS AND ABBREVIATIONS UNDER THE SAMPLES EXPLAINED:	
2 or 4 sides bevelled	in register embossing
hungarian point size	natural colour variation
	Circle Ø 40cm cut in 50 x 50cm tile to work with other colours. Only available in DR7.



grey waxed oak
DR | FL | CL | EA | PZ
63496 | 100 x 15 cm |
63497 | HP 90 x 15 cm |
DR | FL

EXAMPLE 2

(Taken from the Dryback section)

Grey waxed oak is the colourway name

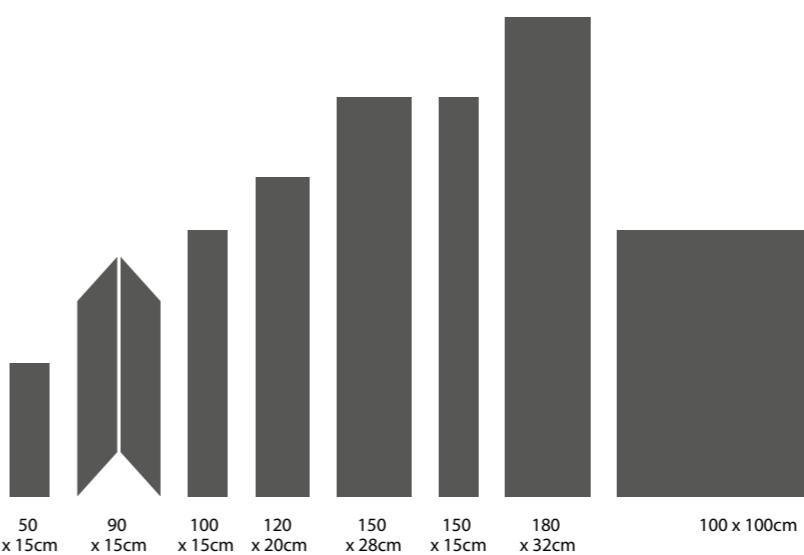
- 63496 is the colourway number

- This colourway is available in **Dryback** (DR), **Flex** (FL), **Click Pro** (CL), **Ease** (EA) and **Puzzle** (PZ) the Dryback plank size is 100 x 15cm with a 4 sided bevel

- 63497 is the same colourway but in

Hungarian Point. The Dryback plank size is 90 x 15cm (The Flex plank size can be found in the Flex section)

- It has a 2 sided bevel



CORE COLLECTION SIZES

- New "slimmer" wood sizes in line with trend
- More combination/herringbone possibilities
- Large sizes possible thanks to product features
- Unique circle shape

allura dryback

ALL PRODUCTS ON THIS PAGE
AVAILABLE IN DR7/DR5



allura wood

The Allura collection contains our largest range of wood designs including classic, contemporary and modern. The varieties offer excellent realism as they reflect the style and format of their natural inspiration, including the size and shape of the grain and plank.



natural collage oak
60374 | 120 x 20 cm |

chocolate collage oak
60376 | 120 x 20 cm |

whitened oak
60301 | 150 x 28 cm |

bleached timber
63406 | 120 x 20 cm |

greywashed timber
63408 | 120 x 20 cm |

hazelnut timber
63410 | 120 x 20 cm |



light honey oak
60305 | 150 x 28 cm |

central oak
60300 | 150 x 28 cm |

deep country oak
60302 | 150 x 28 cm |

rustic anthracite oak
60306 | 150 x 28 cm |

grey collage oak
60375 | 120 x 20 cm |

classic timber
63414 | 150 x 15 cm |

light timber
63416 | 150 x 15 cm |

blond timber
63412 | 120 x 20 cm |

brown ash
63402 | 150 x 15 cm |

smoked ash
63404 | 150 x 15 cm |

light ash
63400 | 150 x 15 cm |



63406 | bleached timber 63407 | bleached timber



63414 | classic timber + 63476 | burgundy + Coral Brush 5754 | straw brown

Description	Luxury vinyl tiles
Dimensions	See page 92 for dimensions
Packaging per carton (planks)	See page 92 for packaging information
Total thickness	ISO 1765 2.5mm / 2.2mm
Thickness wear layer	ISO 24340/ EN 428 0.70mm / 0.55mm
Collection size	59
Application	EN 10874 0.7mm Class 34 / 43 0.55mm Class 33 / 42
CE	EN 14041
Reaction to fire	EN 13501-1 B _r -s1
Slip resistance	EN 13893 DS: ≥0.30

Our recommended adhesives are 640 Eurostar Special, 543 Eurosafe Deco or 646 Eurostar Premium. Full technical specifications are available at www.floro-flooring.co.uk/downloads. Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

Key:
 = 4 sided bevelled
 = in-register embossing
 = natural colour variation

ALL PRODUCTS ON THIS PAGE
AVAILABLE IN DR7/DR5

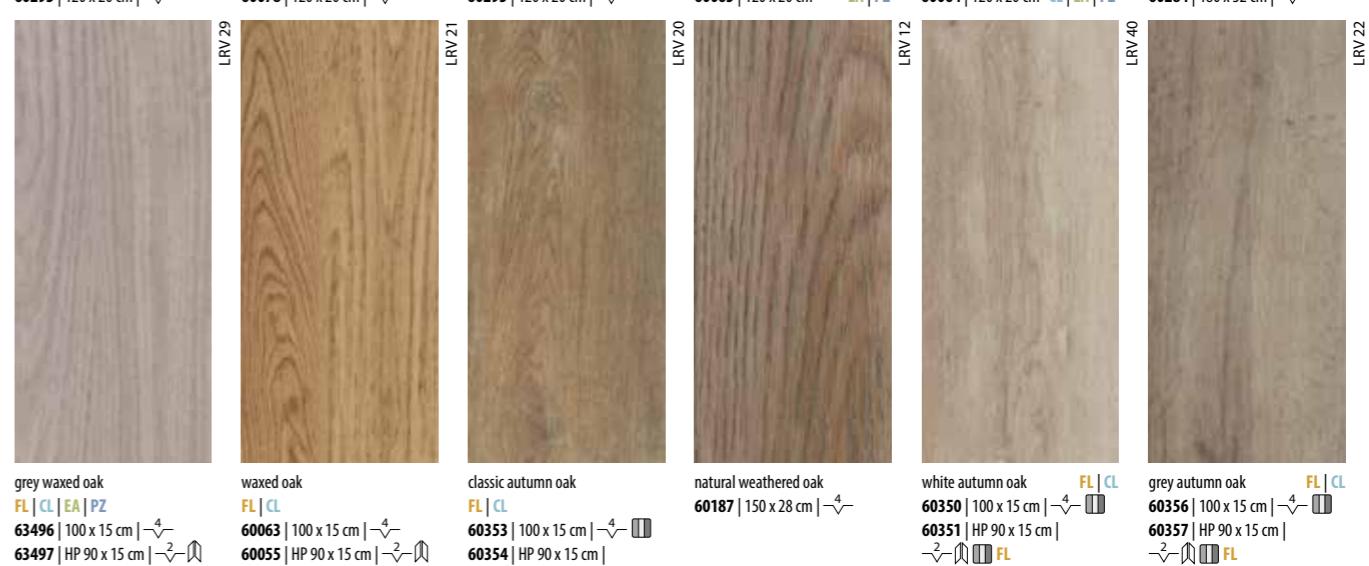


ALL PRODUCTS ON THIS PAGE
AVAILABLE IN DR7/DR5



Key:
 = 4 sided bevelled = in-register embossing = natural colour variation = Hungarian point

Our recommended adhesives are 640 Eurostar Special, 543 Eurosafte Deco or 646 Eurostar Premium. Full technical specifications are available at www.forbo-flooring.co.uk/downloads
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allura wood

ALL PRODUCTS ON THIS PAGE
AVAILABLE IN DR7/DR5



ALLURA WOOD / CASE STUDIES



PROJECT:
**Mills & Reeves
Office**
LOCATION:
Norwich, UK

PHOTOGRAPHY: **Gary Roswell**
DESIGNER: **Feilden + Mawson architect,
Josephine Harkins**
FLOORING MATERIAL:
Allura Wood 60354 | classic autumn oak



PROJECT:
Halifax Flagship
LOCATION:
London, UK

INTERIOR DESIGN: **Michelle Hardy,
Senior Creative, Honest**
PHOTOGRAPHY: **Victoria Middleton
Photography**
FLOORING MATERIAL:
**Allura Wood 60306 | Rustic Anthracite Oak +
60302 | Deep Country Oak**



PROJECT:
**Leightons
Opticians**
LOCATION:
Reading, UK

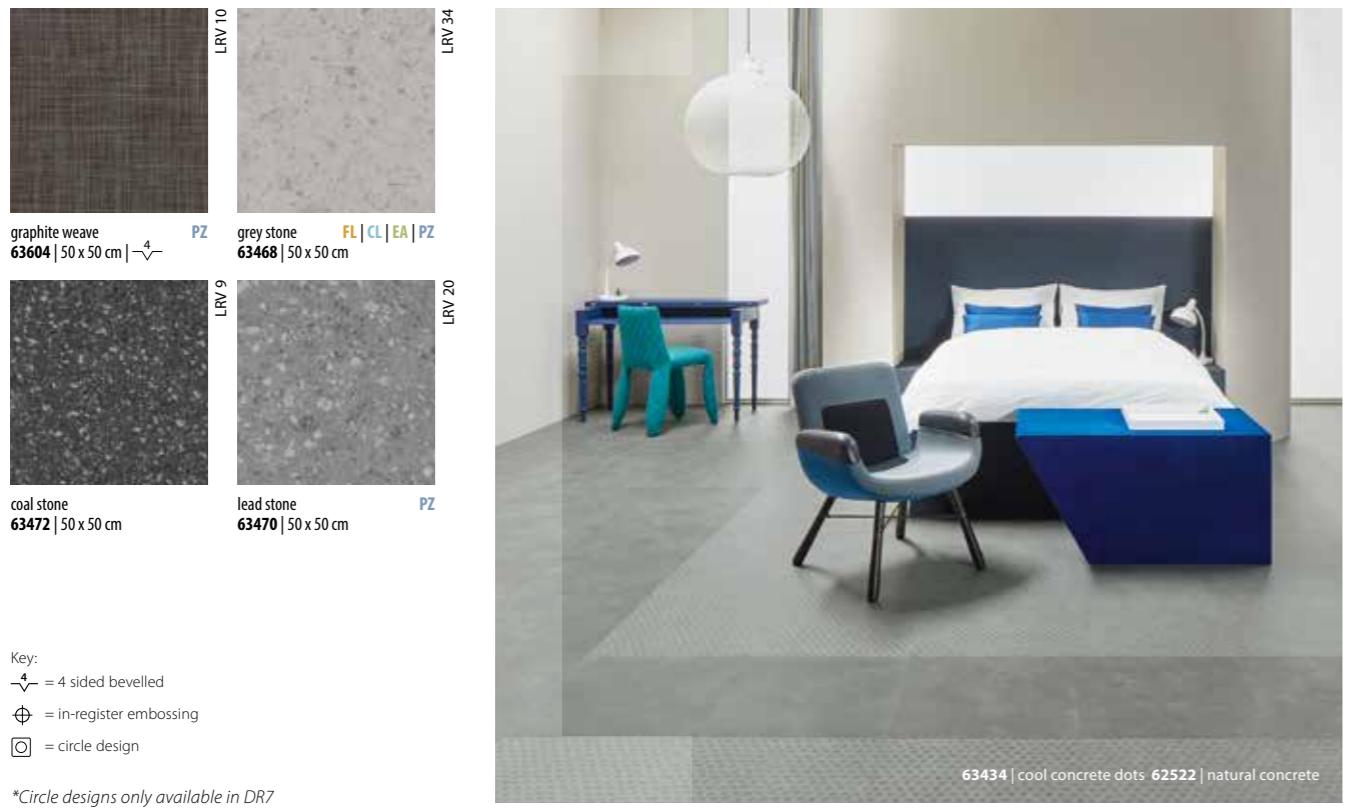
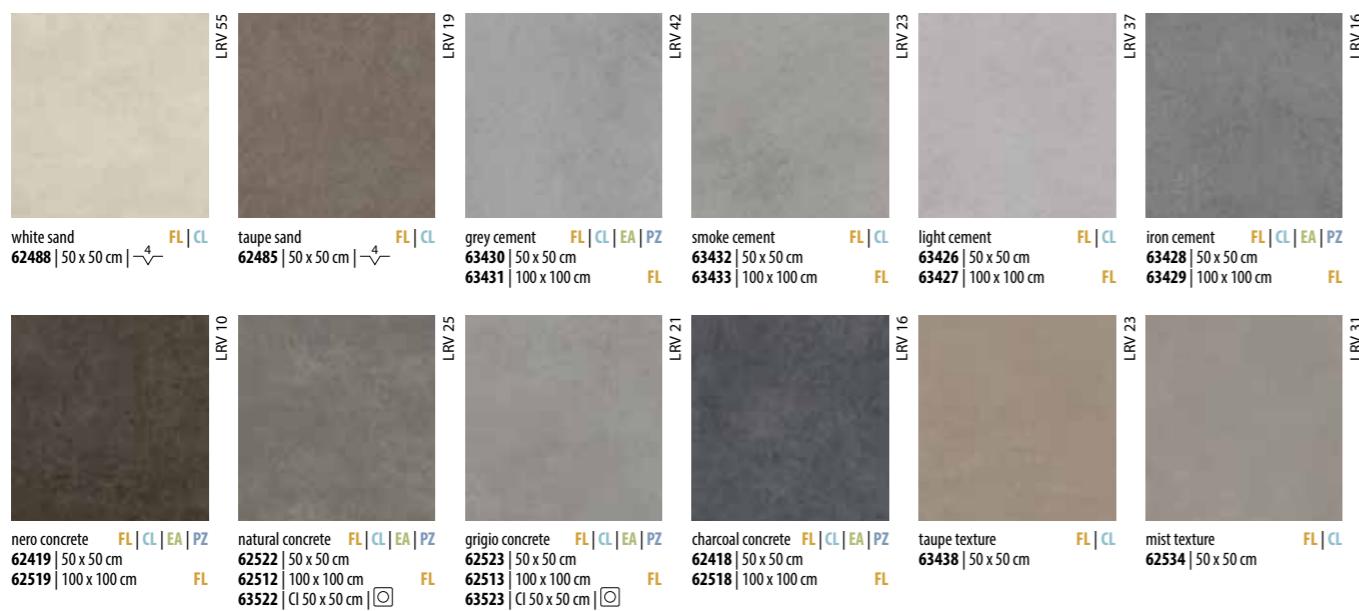
INTERIOR DESIGN:
SDK Design
FLOORING MATERIAL: **Allura Wood 60078 |
light rustic oak**

allura materials

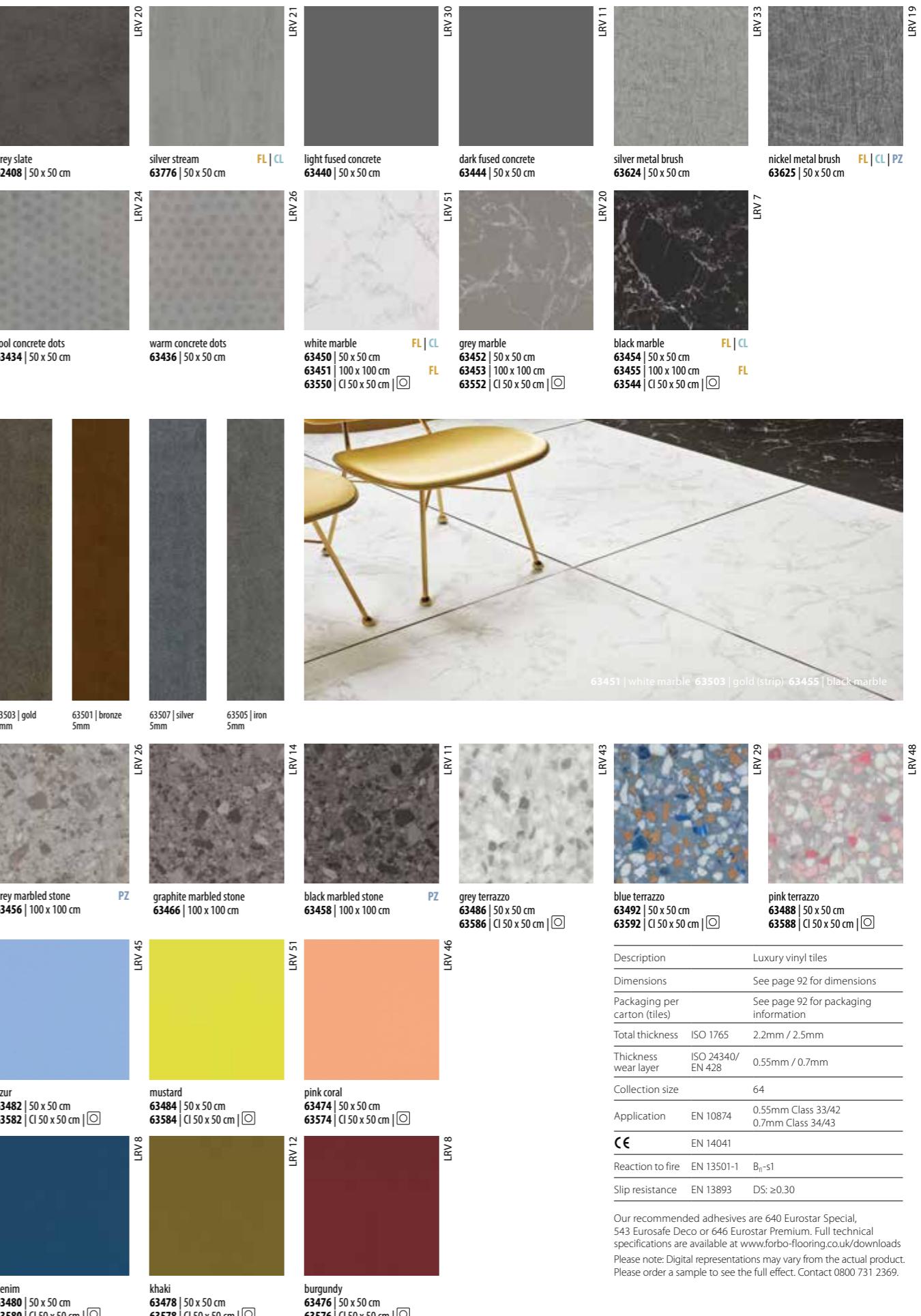
ALL PRODUCTS ON THIS PAGE
AVAILABLE IN DR7/DR5*



ALL PRODUCTS ON THIS PAGE
AVAILABLE IN DR7/DR5*



Key:
 = 4 sided bevelled
 = in-register embossing
 = circle design
*Circle designs only available in DR7



*Circle designs only available in DR7

Description	Luxury vinyl tiles
Dimensions	See page 92 for dimensions
Packaging per carton (tiles)	See page 92 for packaging information
Total thickness	ISO 1765 2.2mm / 2.5mm
Thickness wear layer	ISO 24340/ EN 428 0.55mm / 0.7mm
Collection size	64
Application	EN 10874 0.55mm Class 33/42 0.7mm Class 34/43
CE	EN 14041
Reaction to fire	EN 13501-1 B _r -s1
Slip resistance	EN 13893 DS: ≥0.30

Our recommended adhesives are 640 Eurostar Special, 543 Eurosafe Deco or 646 Eurostar Premium. Full technical specifications are available at www.fobro-flooring.co.uk/downloads. Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

allura flex

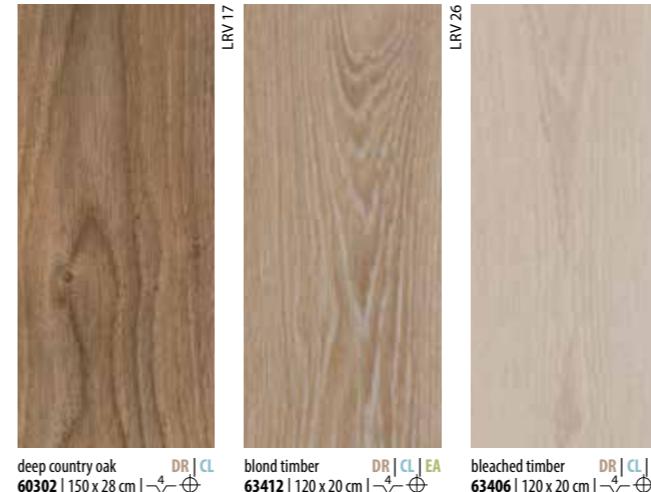
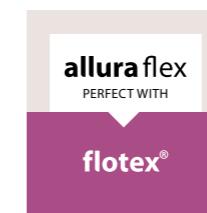
ALL PRODUCTS ON THIS PAGE
AVAILABLE IN FL1/FL5

Allura Flex is a collection of high quality, dimensionally stable, heterogeneous loose lay vinyl tiles and planks which are adhered with tackifier rather than permanent adhesive.



Our recommended adhesive is 542 Eurofix Tack Plus. Full technical specifications are available at www.forbo-flooring.co.uk/downloads
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ALL PRODUCTS ON THIS PAGE
AVAILABLE IN FL1/FL5



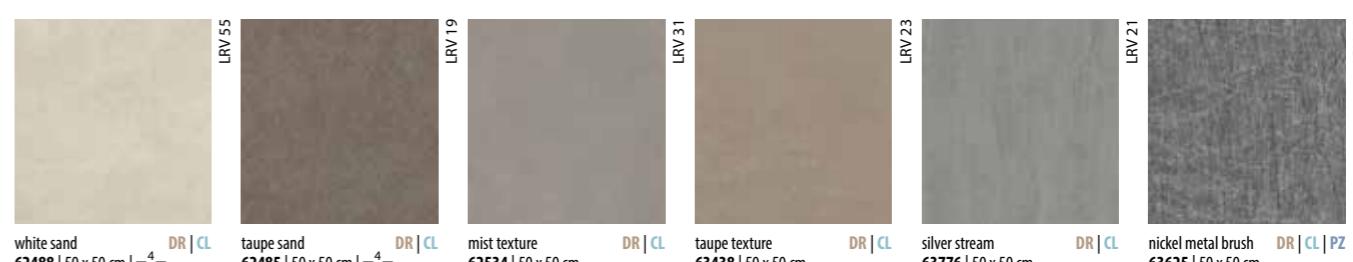
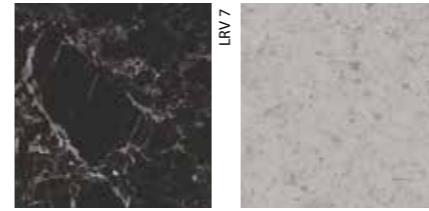
LVR 27	Description	Luxury vinyl tiles
Dimensions (tiles)	See page 93 for dimensions	
Dimensions (planks)	See page 93 for dimensions	
Packaging per carton (tiles)	See page 93 for packaging information	
Packaging per carton (planks)	See page 93 for packaging information	
Total thickness	ISO 1765	5mm / 4mm
Thickness wear layer	ISO 24340/ EN 428	1mm / 0.55mm
Collection size	66	
Application	EN 651	1.0mm Class 34 / 42 0.55mm Class 33 / 42
CE	EN 14041	
Reaction to fire	EN 13501-1	B _d -s1
Slip resistance	EN 13893	DS: ≥0.30



ALL PRODUCTS ON THIS PAGE
AVAILABLE IN FL1/FL5

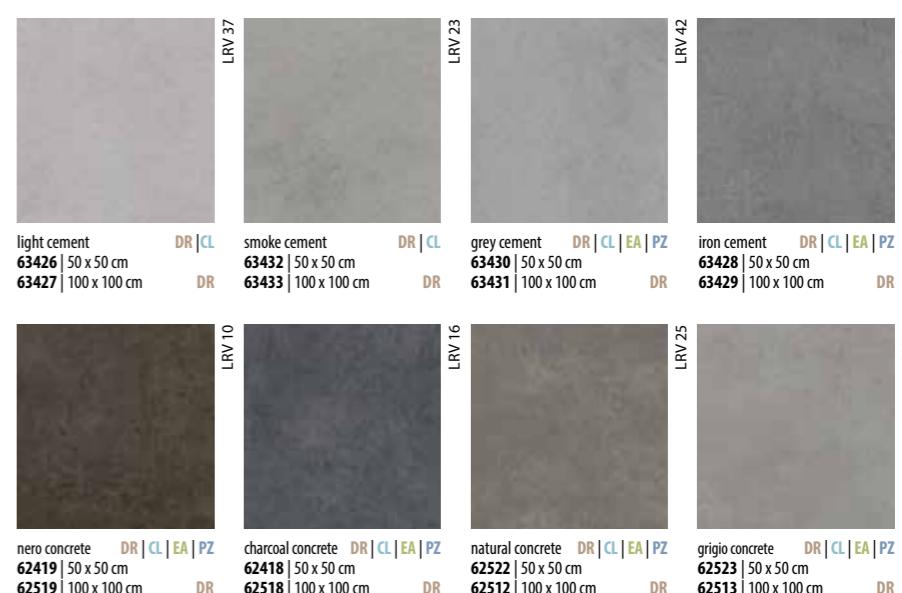


Key:
 = 4 sided bevelled
 = in-register embossing



Description	Luxury vinyl tiles
Dimensions (tiles)	See page 93 for dimensions
Dimensions (planks)	See page 93 for dimensions
Packaging per carton (tiles)	See page 93 for packaging information
Packaging per carton (planks)	See page 93 for packaging information
Total thickness	ISO 1765 5mm / 4mm
Thickness wear layer	ISO 24340/ EN 428 1mm / 0.55mm
Collection size	66
Application	EN 651 Class 33 / 42
CE	EN 14041
Reaction to fire	EN 13501-1 Bfl-s1
Slip resistance	EN 13893 DS: ≥0.30

Our recommended adhesive is 542 Eurofix Tack Plus. Full technical specifications are available at www.floro-flooring.co.uk/downloads. Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect.





FAST FIT BY ALLURA

Part of our new Fast Fit collection, these adhesive free products are ideal for projects where reduced installation and downtime are essential.

For more information on the Fast Fit collection, please visit www.forbo-flooring.co.uk/fastfit



allura click pro

CL

CLICK CONNECTED ADHESIVE FREE

- Clickable design solution for any single area without transition up to 1000m²
- Suitable for use with uneven subfloors and is genuinely adhesive free
- As part of Forbo's Fast Fit collection, it can reduce installation time by over 50%



allura puzzle

PZ

PUZZLE CONNECTED ADHESIVE FREE

- Puzzle solution for any single area without transition up to 500m²
- High traffic solution with strong puzzle connection
- Minimal subfloor preparation and quick to install
- Large tile format in Wood/Materials colourways that is ready to use immediately
- As part of Forbo's Fast Fit collection, it can reduce installation time by over 50%

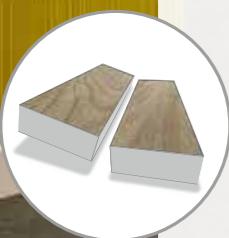


allura ease

EA

ADHESIVE FREE

- Suitable for use across a wide variety of applications
- Easy to install but also to remove, re-use and recycle
- Adhesive free installation in any single area without transition up to 250m²
- As part of Forbo's Fast Fit collection, it can reduce installation time by over 50%



allura click pro

FASTFIT

Rapid, reusable flooring

ALL PRODUCTS ON THIS PAGE
ARE AVAILABLE IN CL5



Key:

= 4 sided bevelled

= in-register embossing

Description	Luxury vinyl tiles
Dimensions (tiles)	See page 94 for dimensions
Dimensions (planks)	See page 94 for dimensions
Packaging per carton (tiles)	See page 94 for packaging information
Packaging per carton (planks)	See page 94 for packaging information
Total thickness	ISO 1765 5mm
Thickness wear layer	ISO 24340/EN 428 0.55mm
Collection size	51
Application	EN 651 Class 33 / 42
CE	EN 14041
Reaction to fire	EN 13501-1 B _r -s1, L, CS
Slip resistance	EN 13893 $\mu > 0.30$

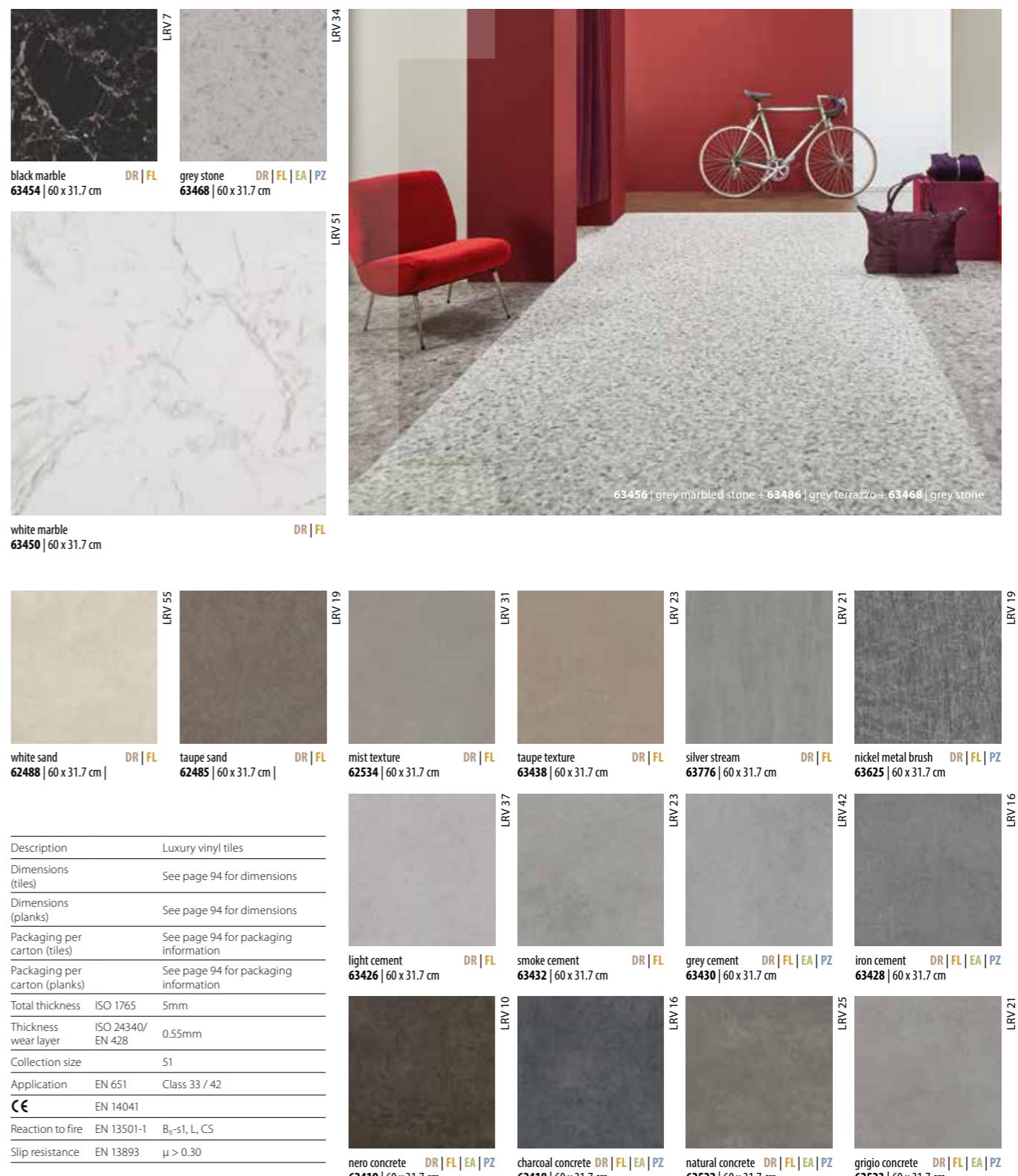
Full technical specifications are available at
www.forbo-flooring.co.uk/downloads

Please note: Digital representations may vary from the actual product.
Please order a sample to see the full effect. Contact 0800 731 2369.

allura click pro

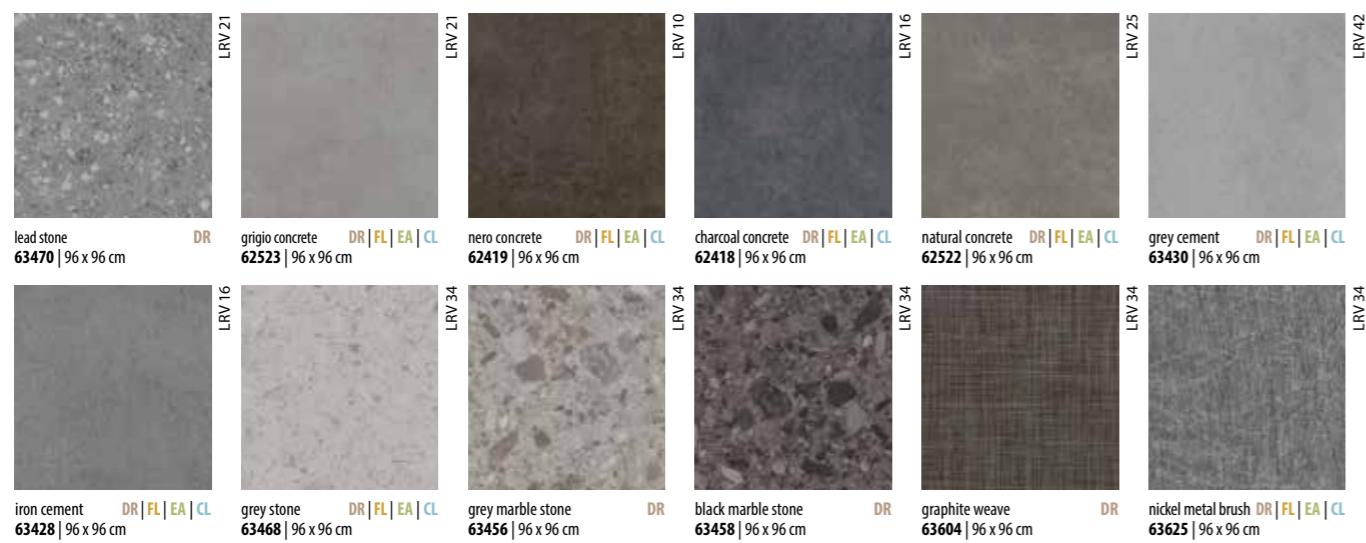
FASTFIT
Rapid, reusable flooringALL PRODUCTS ON THIS PAGE
ARE AVAILABLE IN CL5ALL PRODUCTS ON THIS PAGE
ARE AVAILABLE IN CL5

Key:
 = 4 sided bevelled
 = in-register embossing
 = natural colour variation



allura puzzle **FASTFIT** 
Rapid, reusable flooring

ALL PRODUCTS ON THIS PAGE
ARE AVAILABLE IN **PZ**



Description	Luxury vinyl tiles
Dimensions	96 x 96cm
Packaging per carton (tiles)	See page 96 for packaging information
Total thickness	ISO 1765 5mm
Thickness wear layer	ISO 24340/ EN 428 0.70mm
Collection size	18
Application	EN 10874 Class 34 / 43
CE	EN 14041
Reaction to fire	EN 13501-1 B _r -s1
Slip resistance	EN 13893 μ >0.30

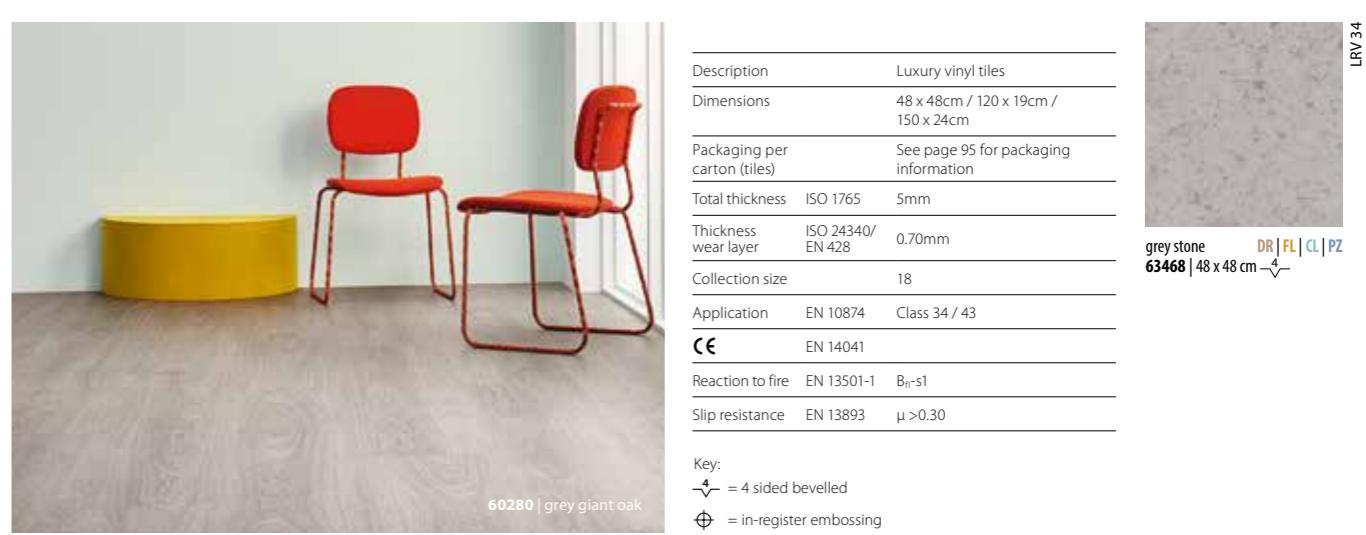
Full technical specifications are available at www.forbo-flooring.co.uk/downloads
Please note: Digital representations may vary from the actual product.
Please order a sample to see the full effect. Contact 0800 731 2369.



62522 | natural concrete

allura ease **FASTFIT** 
Rapid, reusable flooring

ALL PRODUCTS ON THIS PAGE
ARE AVAILABLE IN **EA**



Description	Luxury vinyl tiles
Dimensions	48 x 48cm / 120 x 19cm / 150 x 24cm
Packaging per carton (tiles)	See page 95 for packaging information
Total thickness	ISO 1765 5mm
Thickness wear layer	ISO 24340/ EN 428 0.70mm
Collection size	18
Application	EN 10874 Class 34 / 43
CE	EN 14041
Reaction to fire	EN 13501-1 B _r -s1
Slip resistance	EN 13893 μ >0.30

Key:
= 4 sided bevelled
⊕ = in-register embossing



19dB
19dB
19dB

allura decibel

Allura Decibel solves many of today's and tomorrow's challenges in combining acoustic performance with durability and high end aesthetics. Through its tackified installation it also provides the answer to key issues such as limiting valuable downtime, the re-use of floors and minimizing environmental impacts.



golden harvest oak | 100 x 16.6cm
0.35 3WHA03
0.8 8WHA03



winter harvest oak | 100 x 16.6cm
0.35 3WHA01
0.8 8WHA01



dusky harvest oak | 100 x 16.6cm
0.35 3WHA02
0.8 8WHA02



LRV 20



LRV 20



rustic harvest oak | 100 x 16.6cm
0.35 3WHA04
0.8 8WHA04



smoked authentic oak | 100 x 20cm
0.35 3WAU02
0.8 8WAU02



warm authentic oak | 100 x 20cm
0.35 3WAU44
0.8 8WAU44

LRV 23



8WAU02 | smoked authentic oak



classic authentic oak | 100 x 20cm
0.35 3WAU04
0.8 8WAU04



honey authentic oak | 100 x 20cm
0.35 3WAU03
0.8 8WAU03



pale authentic oak | 100 x 20cm
0.35 3WAU01
0.8 8WAU01

LRV 32



LRV 41



traditional smooth oak | 120 x 20cm
0.35 3WSM04
0.8 8WSM04

LRV 24

LRV 31



natural seagrass | 100 x 20cm
0.35 3SE13
0.8 8SE13



light grey seagrass | 100 x 20cm
0.35 3SE11
0.8 8SE11

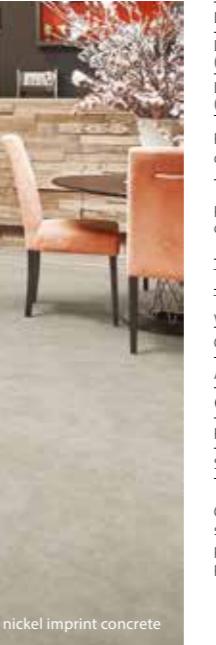


anthracite seagrass | 100 x 20cm
0.35 3SE32
0.8 8SE32



ashen smooth oak | 120 x 20cm
0.35 3WSM12
0.8 8WSM12

LRV 17



8MIM03 | nickel imprint concrete

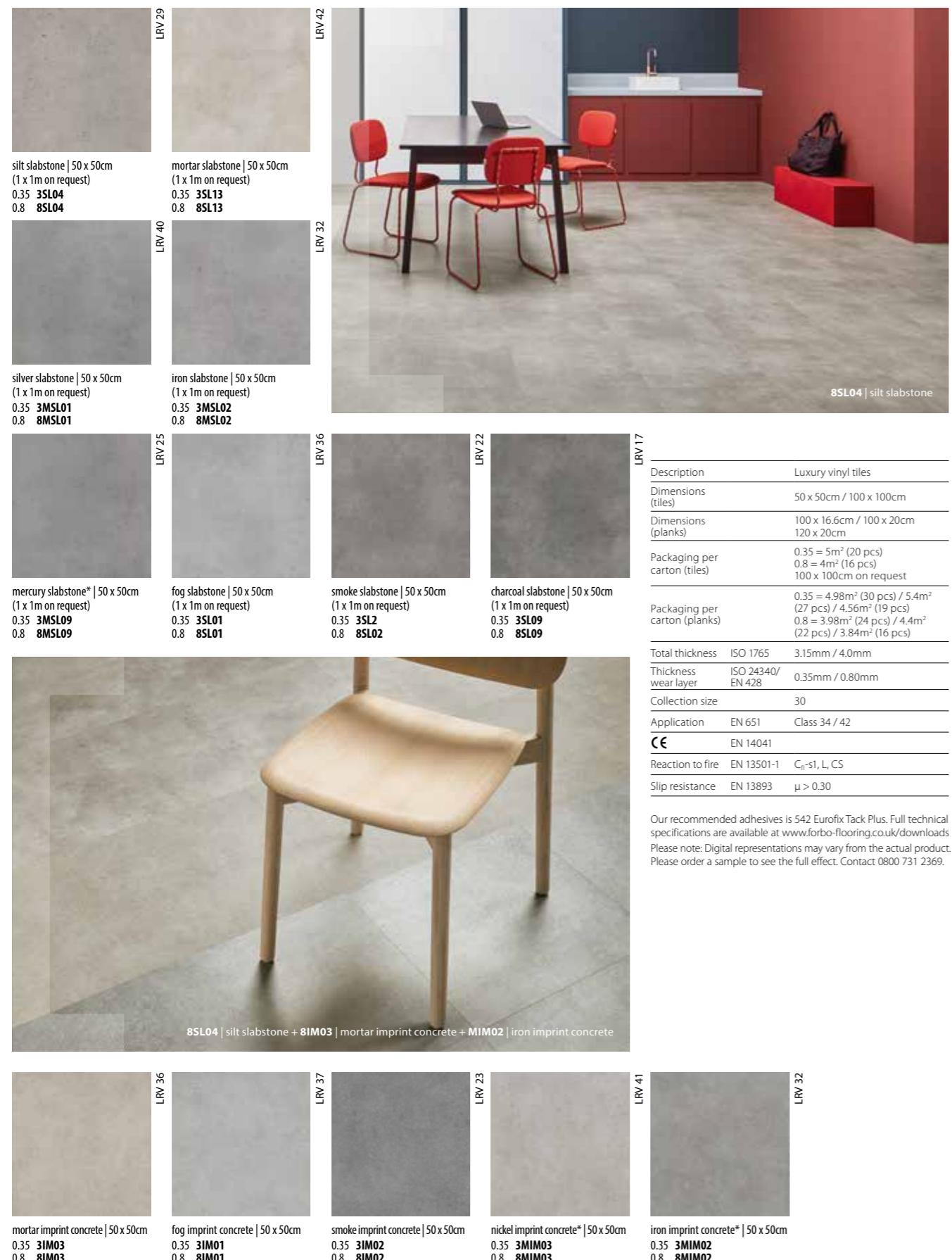
Description	Luxury vinyl tiles
Dimensions (tiles)	50 x 50cm / 100 x 100cm
Dimensions (planks)	100 x 16.6cm / 100 x 20cm 120 x 20cm
Packaging per carton (tiles)	0.35 = 5m ² (20 pcs) 0.8 = 4m ² (16 pcs) 100 x 100cm on request
Packaging per carton (planks)	0.35 = 4.98m ² (30 pcs) / 5.4m ² (27 pcs) / 4.56m ² (19 pcs) 0.8 = 3.98m ² (24 pcs) / 4.4m ² (22 pcs) / 3.84m ² (16 pcs)
Total thickness	ISO 1765 3.15mm / 4.0mm
Thickness wear layer	ISO 24340/ EN 428 0.35mm / 0.80mm
Collection size	30
Application	EN 651 Class 34 / 42
CE	EN 14041
Reaction to fire	EN 13501-1 C _{fl} -s1, L _{CS}
Slip resistance	EN 13893 μ > 0.30

Our recommended adhesives is 542 Eurofix Tack Plus. Full technical specifications are available at www.forbo-flooring.co.uk/downloads
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allura decibel

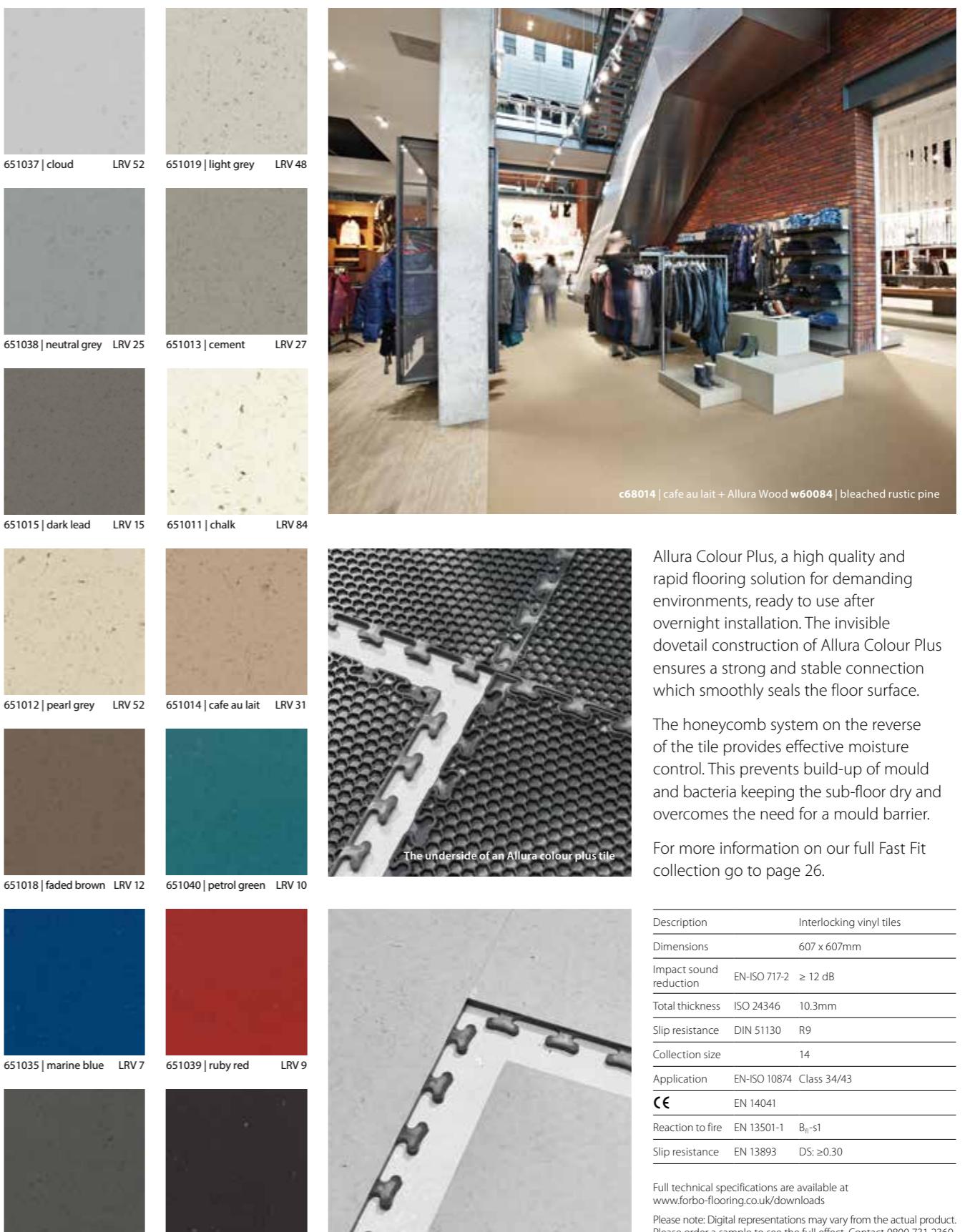


19 dB



*Metallic effect

allura colour | colour plus



Allura Colour Plus, a high quality and rapid flooring solution for demanding environments, ready to use after overnight installation. The invisible dovetail construction of Allura Colour Plus ensures a strong and stable connection which smoothly seals the floor surface.

The honeycomb system on the reverse of the tile provides effective moisture control. This prevents build-up of mould and bacteria keeping the sub-floor dry and overcomes the need for a mould barrier.

For more information on our full Fast Fit collection go to page 26.

GENERAL PURPOSE PROJECT VINYL

Forbo's Eternal collection offers designers an extensive range of designs, all with the same performance specification, including realistic wood effects, stone and abstract designs, a broad palette of colours and some imaginative digitally printed visuals which are designed to inspire.

Eternal design vinyl sheet meets all the functional and practical requirements demanded in such segments as Health and Aged Care, Education, Office, Retail and Leisure & Hospitality.

PUR Pearl & PUR wood Pearl

The majority of our Eternal designs feature Forbo's proven PUR Pearl lacquering protection technique. The technique for applying the lacquering layer ensures an even distribution of PUR Pearl on both the surface and in the deeper areas of the embossing. This helps to prevent the surface of Eternal becoming soiled and reduces maintenance costs.

Five items in the Eternal Wood range and seven items in the Eternal Material Concrete range are finished with a specific PUR Wood/Concrete embossing, offering the best possible performance on an all over wood/concrete design with integrated Pearl effect. The matt embossed lacquer layer ensures the highest level of both chemical and scuff resistance. Our Eternal de Luxe range delivers high design and exceptional embossing with the convenience of a sheet vinyl product.

Trust in Design

- The most realistic Wood and Material designs, created to deliver stylish aesthetics in any project
- The PUR Pearl finish ensures a matt, natural and authentic look
- Co-ordinated design offer with Step safety flooring and other Forbo ranges
- Possibility to customise specific signature designs to your project requirements
- New PUR Concrete embossing for true to life realism

Trust in Performance

- Lowest possible residual indentation, as a result of the balanced construction and calandered backing
- Best protection against scuff and scratching with Forbo's PUR Pearl lacquering and embossing protection techniques
- Easy to handle during installation and will remain flat and stable in use thanks to the high tech product construction
- Pigmented coloured wear layer in Eternal Colour for vivid and permanent colour intensity

Trust in Sustainability

- At least 60% recycled material in the backing, all production waste is put to good use
- 100% phthalate free and with a low emission levels
- Manufactured using 100% green electricity from renewable resources and meeting all relevant quality and environmental standards
- Micro embossing technology reduces the need for chemical cleaning and increases the floor's lifespan

Creating better environments

- Our general purpose vinyl ranges contain at least 60% recycled content in their backing
- We produce all our vinyl in Europe where it meets the highest possible current and future REACH compliance standards for chemical content
- 100% of electricity comes from renewable sources and our vinyl production sites are part of an effective environmental management system, achieving ISO 14001 certification
- We use smart material constructions and durable finishes on our vinyl. A micro-embossing technology reduces the need for chemical cleaning and increases the floor's lifespan
- Through our Back to the Floor scheme, we can collect installation off-cuts from our smooth vinyl floor coverings



ETERNAL COLLECTION AT A GLANCE

eternal wood

The Eternal Wood collection contains a large variety of realistic wood designs and plank sizes, including some multi-width plank designs.



38

eternal material

A modern collection of metals and stones which create a soft, elegant look and feel.



42

eternal colour

From bold solid colours, to subtle colour gradients that run along the full width of a roll, Eternal Colour offers an inspiring choice of colour and design.



44

eternal de luxe

Offering the highest diversity in design and embossing on the market, Eternal de Luxe creates a inviting, comfortable atmosphere in any application area.



46

eternal digital print

Eternal Digital Print vinyl is a series of stunning flooring designs offering a new dimension in colour and aesthetics, whilst retaining the full performance specification of the Eternal core collection. This includes a 0.7mm wear layer that ensures maximum wear resistance and excellent appearance retention.



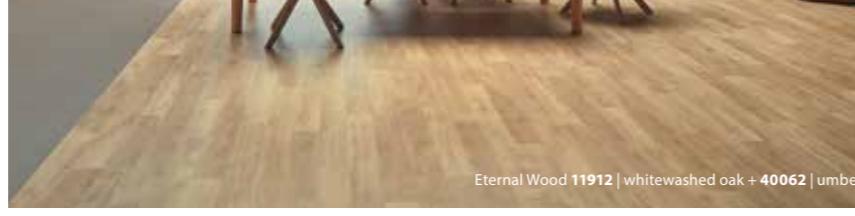
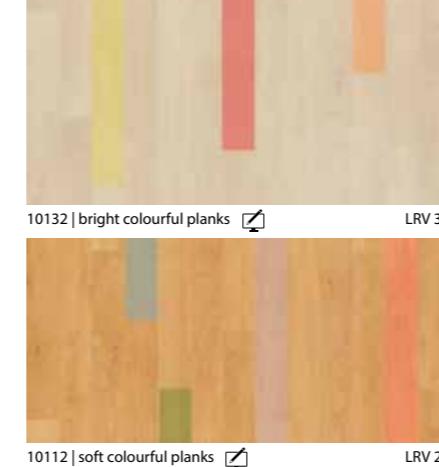
48



eternal wood

The Eternal Wood collection contains a large variety of realistic wood designs and plank sizes, including some multi-width plank designs.

Please note: The measurement stated on each colourway is the size of the plank within the sheet.



BREEAM generic ratings						
Eternal – Heterogeneous PVC Floor Covering (EN649)						
Commercial	Education	Health	Domestic	Retail (Fashion)	Retail (Fashion)	Meets Ska criteria
A	A+	A+	A	A+	A+	✓

Our recommended adhesives are 640 Eurostar Special, 543 Eurosaf Deco or 646 Eurostar Premium. Full technical specifications are available at www.forbo-flooring.co.uk/downloads. Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.





eternal wood



11632 | light oak 16.7 x 75cm



11652 | vintage oak 16.7 x 75cm

Description	Sheet vinyl
Dimensions	Roll width 2m Roll length ≤ 25m
Total thickness	ISO 1765 2.0mm
Thickness wear layer	ISO 24340/ EN 428 0.7mm
Collection size	31
Application	EN 10874 Class 34/43
CE	EN 14041
Reaction to fire	EN 13501-1 B _L -s1
Slip resistance	EN 13893 DS: ≥0.30



Eternal Wood 10842 | cream oak + 10852 | chocolate oak + Eternal Colour 40562 | aqua

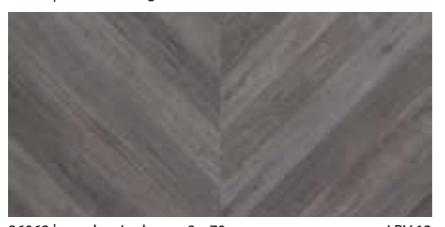
Please note: The measurement stated on each colourway is the size of the plank within the sheet.



36022 | classic herringbone 9 x 70cm



36042 | brown herringbone 9 x 70cm



36062 | grey herringbone 9 x 70cm



10852 | chocolate oak 20 x 150cm LRV 17



Eternal Wood 36022 | classic herringbone + Eternal Material 13322 | grey marble

*Available in Step Safety Vinyl



10842 | cream oak 20 x 150cm LRV 44



10832 | hazelnut oak 20 x 150cm LRV 21



Eternal Wood 10322 | white chestnut + Eternal Material 12752 | grey cement



10322 | white chestnut* 25 x 150cm LRV 34



10362 | warm chestnut 25 x 150cm LRV 17



10342 | dark chestnut 25 x 150cm LRV 12



11542 | traditional oak 25 x 150cm LRV 22



10232 | dark walnut 10 x 150cm LRV 18



Eternal Wood 10362 | warm chestnut



11162 | tropical beech 6.7cm x variable LRV 27



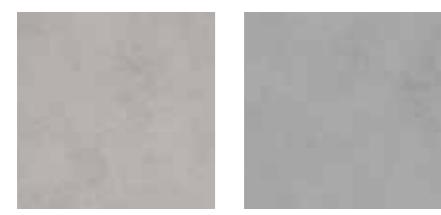
11442 | washed beech 8 x 37.5cm LRV 28



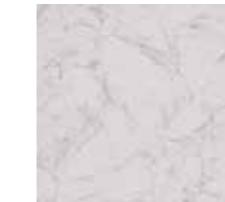
eternal material

A modern collection of metals and stones which create a soft, elegant look and feel.

Description	Sheet vinyl
Dimensions	Roll width 2m Roll length ≤ 25m
Total thickness	ISO 1765 2.0mm
Thickness wear layer	ISO 24340/ EN 428 0.7mm
Collection size	30
Application	EN 10874 Class 34/43
CE	EN 14041
Reaction to fire	EN 13501-1 B _r -s1
Slip resistance	EN 13893 DS: ≥0.30



12742 | light cement LRV 37 12752 | grey cement LRV 28



13332 | white marble LRV 49



13322 | grey marble LRV 20



13312 | black marble LRV 7



13772 | brushed aluminium LRV 59



13712 | brushed chrome LRV 24



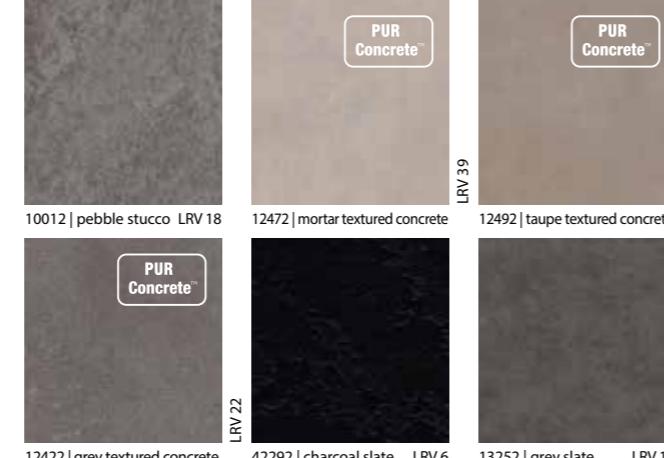
13762 | brushed bronze LRV 18



12762 | smoke cement LRV 23 12732 | iron cement LRV 16



10032 | fossil stucco LRV 34 10042 | graphite stucco LRV 22



BREEAM generic ratings

Eternal – Heterogeneous PVC Floor Covering (EN649)

Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)	Meets Ska criteria
A	A+	A+	A	A+	A+	✓

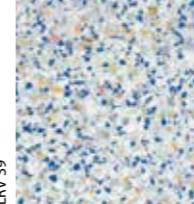
Our recommended adhesives are 640 Eurostar Special, 543 Eurosaf Deco or 646 Eurostar Premium. Full technical specifications are available at www.forbo-flooring.co.uk/downloads. Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.



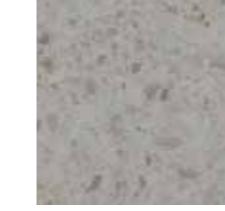
*Available in Step Safety Vinyl



10172 | natural terrazzo LRV 39



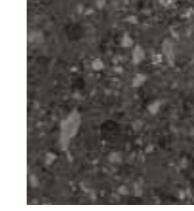
10182 | colourful terrazzo LRV 51



12092 | neutral stone LRV 35



12012 | quartz stone* LRV 20



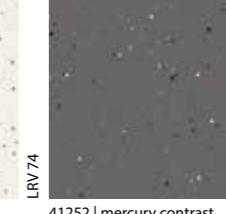
12032 | coal stone* LRV 11



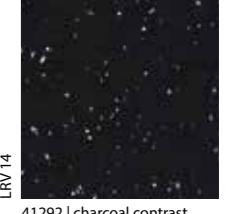
Eternal Wood 36062 | grey herringbone + Eternal Material 12012 | quartz stone + 10172 | natural terrazzo



41002 | snow contrast LRV 74



41252 | mercury contrast LRV 14



41292 | charcoal contrast LRV 5





eternal colour



From bold solid colours, to subtle colour gradients that run along the full width of a roll, Eternal Colour offers an inspiring choice of colour and design.



Description	Sheet vinyl	
Dimensions	Roll width 2m Roll length ≤ 25m	
Total thickness	ISO 1765	2.0mm
Thickness wear layer	ISO 24340/ EN 428	0.7mm
Collection size	35	
Application	EN 10874	Class 34/43
CE	EN 14041	
Reaction to fire	EN 13501-1	B _d -s1
Slip resistance	EN 13893	DS: ≥0.30



BREEAM generic ratings

Eternal – Heterogeneous PVC Floor Covering (EN649)

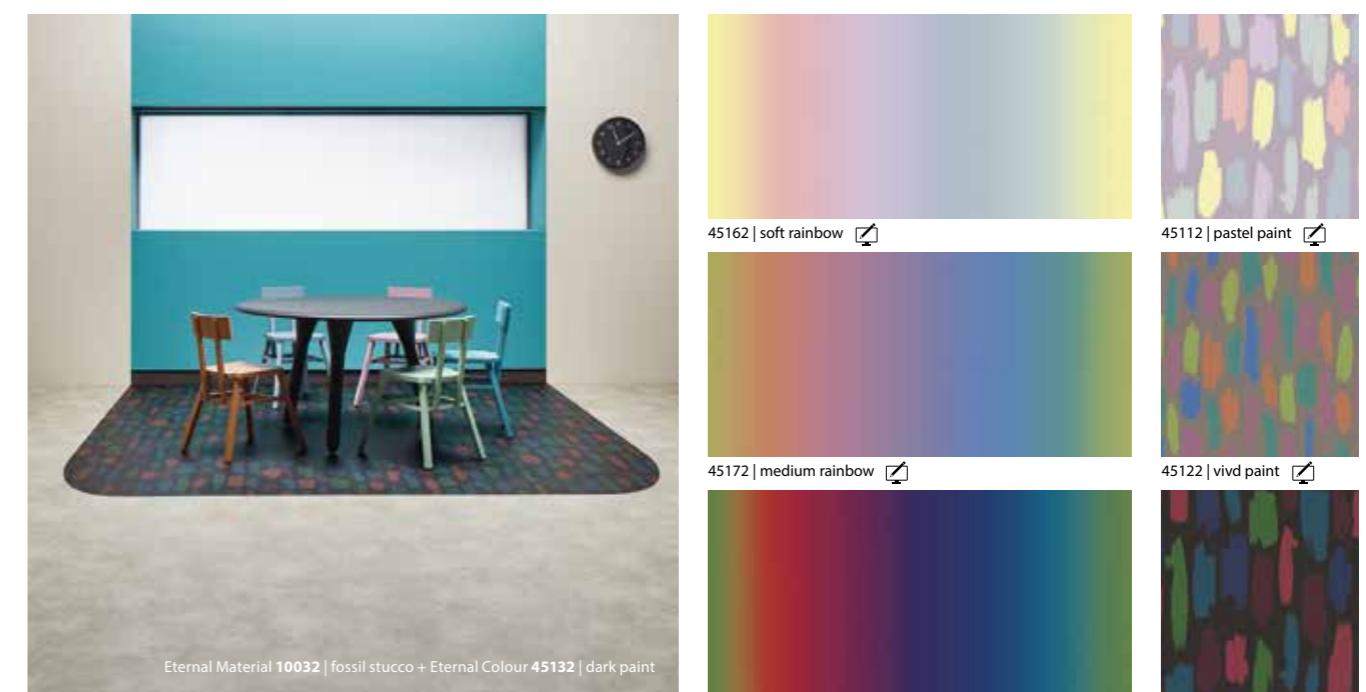
Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)	Meets Skå criteria
A	A+	A+	A	A+	A+	✓

Our recommended adhesives are 640 Eurostar Special, 543 Eurosaf Deco or 646 Eurostar Premium. Full technical specifications are available at www.forbo-flooring.com
Please note: Digital representations may vary from the actual product.
Please order a sample to see the full effect. Contact 0800 731 2369.

*Available in Step Safety Vinyl



All Forbo Flooring Systems'
production plants
are certified to
ISO 14001





eternal de luxe

The Eternal de Luxe range features fresh wood and stone designs, enhanced by authentic embossing structures that add even more realism to the designs. All the designs are available in a compact version and a decibel (17 dB impact sound reduction) format.



2742 | grey washed oak LRV 31
3142 | Decibel NCS S 4502-Y

2764 | iced stream LRV 36
3174 | Decibel NCS S 3502-B

2894 | grey pine LRV 30
3024 | Decibel NCS S 4005-Y50R

2781 | light neutral grey LRV 25
3111 | Decibel NCS S 5000-N

2865 | natural oak LRV 29
3045 | Decibel NCS S 4005-Y20R

2858 | whitewashed oak LRV 37
3018 | Decibel NCS S 3010-Y20R

2856 | light honey oak LRV 36
3016 | Decibel NCS S 3020-Y10R

2895 | aged pine LRV 21
3026 | Decibel NCS S 6005-Y20R

2866 | vintage oak LRV 18
3046 | Decibel NCS S 6005-Y20R

2842 | golden oak LRV 24
3052 | Decibel NCS S 5010-Y10R

2741 | traditional oak LRV 21
3141 | Decibel NCS S 5010-Y30R

2841 | dark wild oak LRV 15
3051 | Decibel NCS S 6010-Y30R

2859 | shadow oak LRV 17
3019 | Decibel NCS S 6502-Y

2766 | silver stream LRV 22
3176 | Decibel NCS S 6000-N

2724 | black metal LRV 12
3194 | Decibel NCS S 7500-N

2783 | dark neutral grey LRV 9
3113 | Decibel NCS S 7502-B

2799 | charcoal tile LRV 5
3299 | Decibel NCS S 9000-N

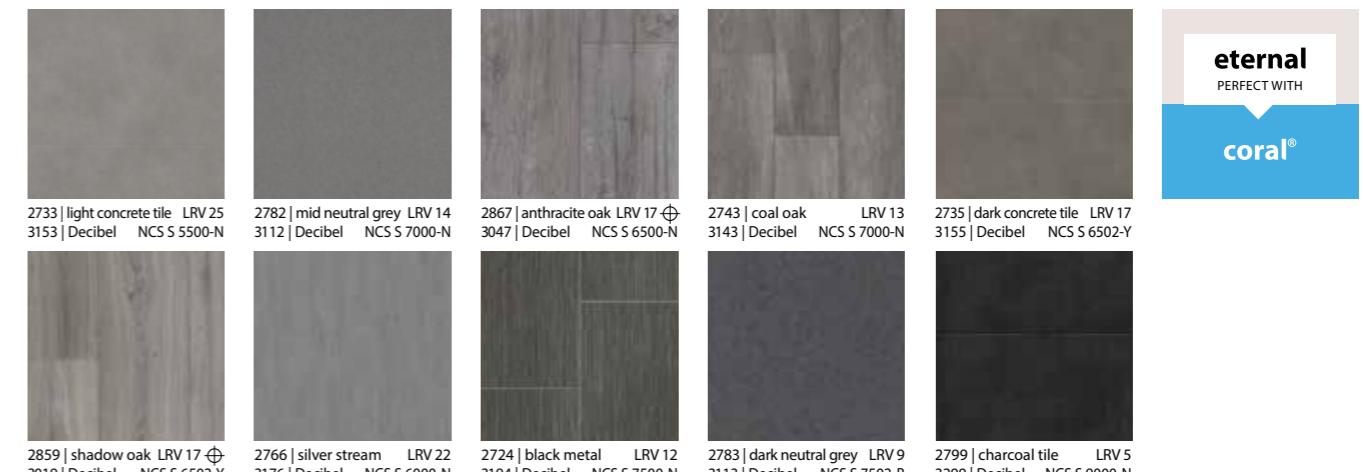
⊕ In-register embossing



Eternal de Luxe 2894 compact | 3024 decibel | grey pine



Eternal de Luxe 2856 compact | 3016 decibel | light honey oak



2733 | light concrete tile LRV 25
3153 | Decibel NCS S 5500-N

2782 | mid neutral grey LRV 14
3112 | Decibel NCS S 7000-N

2867 | anthracite oak LRV 17
3047 | Decibel NCS S 6500-N

2743 | coal oak LRV 13
3143 | Decibel NCS S 7000-N

2735 | dark concrete tile LRV 17
3155 | Decibel NCS S 6502-Y

2859 | shadow oak LRV 17
3019 | Decibel NCS S 6502-Y

2766 | silver stream LRV 22
3176 | Decibel NCS S 6000-N

2724 | black metal LRV 12
3194 | Decibel NCS S 7500-N

2783 | dark neutral grey LRV 9
3113 | Decibel NCS S 7502-B

2799 | charcoal tile LRV 5
3299 | Decibel NCS S 9000-N

⊕ In-register embossing

Description	Sheet vinyl
Dimensions	Roll width 2/4m Roll length ±25m
Total thickness ISO 1765	2.0mm (Compact) 3.0mm (Decibel)
Thickness wear layer ISO 24340/ EN 428	0.7mm
Collection size	22
Impact sound reduction EN ISO 717-2	Eternal de Luxe: ΔLw = 5dB Eternal de Luxe Decibel: ΔLw = 17dB
Application EN 10874	Class 23/34/43
CE EN 14041	
Reaction to fire EN 13501-1	Bfl-s1
Slip resistance EN 13893	DS: ≥0.30

Our recommended adhesives are 640 Eurostar Special, 543 Eurosafé Deco or 646 Eurostar Premium. Full technical specifications are available at www.forbo-flooring.co.uk/downloads
Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect.
Contact 0800 731 2369.



Eternal de Luxe 2841 compact | 3051 decibel | dark wild oak



BREEAM generic ratings

Eternal de Luxe – Compact Vinyl Heterogeneous PVC floor covering (EN649)

Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)	Meets Skå criteria
A	A+	A+	A	A+	A+	✓

Eternal de Luxe Decibel – PVC floor covering with a foam layer (EN651)

A	A+	A+	A	A	A+	✓

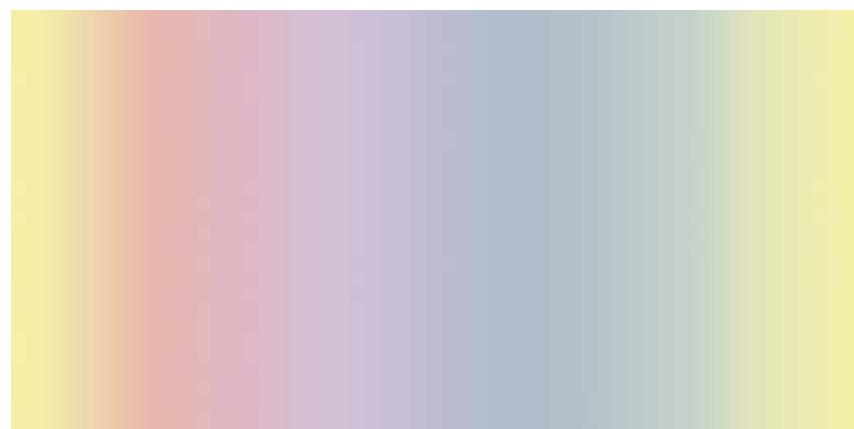
Eternal de Luxe 2782 compact |
3112 decibel | mid neutral grey



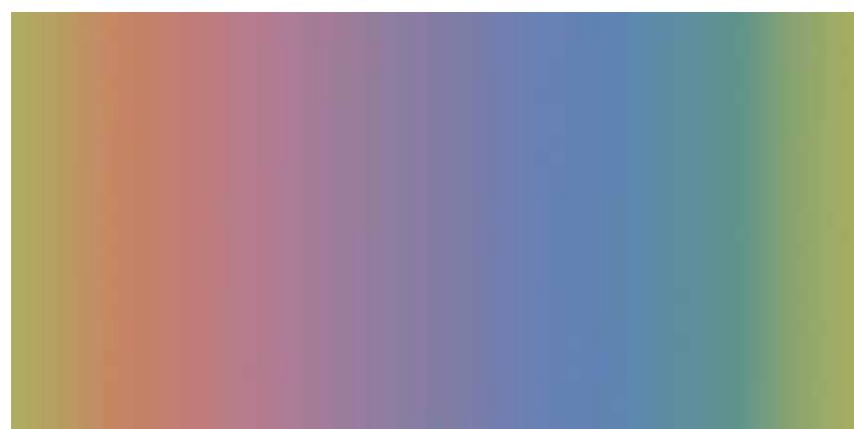
eternal digital print



Eternal Material 10032 | fossil stucco + Eternal Colour 45132 | dark paint



45162 | soft rainbow



45172 | medium rainbow



45182 | strong rainbow

Roll width 2m, Roll length 6m



45112 | pastel paint scaled from 75 x 75cm



45122 | vivid paint scaled from 75 x 75cm



45132 | dark paint scaled from 75 x 75cm



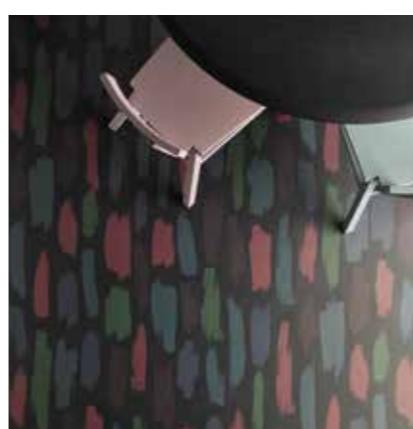
10182 | colourful terrazzo



10132 | bright colourful planks



45172 | medium rainbow



45132 | dark paint

Freedom in colour

Within the Eternal collection there are 4 designs which can be customised on request.

The playful signature designs Colourful Planks, Terrazzo, Paint and Rainbow can add colour to your project, so use your imagination and create your own bespoke Eternal product to fit with your interior and specific requirements. The end result is a product that is as reliable and performs as well as any Eternal product, but especially made for you!

Details for ordering and the process to make your own Eternal floor are available on www.etalnbspoke.com or contact your Forbo Business Area Manager for more information. It is easy to do and even for smaller areas or as a highlight in your project we can make it for you!

For those looking for something even more personal our bespoke design service allows you to create a completely personal floor from as little as 12m². Any print or design that you would like (copyright permitting) can be used in combination with the trusted quality of an Eternal product.



Items noted with this symbol in this brochure can be customised as above.

HOMOGENEOUS PROJECT VINYL

Sphera is Forbo's premium, homogeneous vinyl collection, styled by our European design team and produced in an advanced purpose-built plant using the latest manufacturing technology.

Versatile and colourful

Sphera homogeneous vinyl floor coverings add character and style to floors across numerous applications. Whether in demanding, hygienic healthcare environments, in flexible, multi-purpose modern public buildings or in education facilities and offices where durability and colour are key, Sphera will never disappoint.



Sphera Element 50045 | jade

SPHERA COLLECTION AT A GLANCE

sphera® element

Sphera Element offers a fresh, light and contemporary colour palette which adds a sophistication to floor design. The collection includes warm and cool neutrals which complement interior finishes such as wood and stone along with pastels and bright accent colours for areas requiring way-finding or zoning.



54

sphera® energetic

Sphera Energetic offers a bold and contemporary colour palette which is both fresh and playful. The design reflects the aesthetics of rubber, concrete and resin flooring with 11 highlight visuals featuring vivid accent chips.

These highlight colours are complemented by a range of 41 flecked colours to inspire creative floor designs. Transparent granules provide depth and dirt hiding properties ensuring that Sphera can be used in all contemporary spaces.



56

sphera® evolution

Sphera Evolution presents an expressive design innovation in homogeneous vinyl as the intricate mix of spheres, granules and colour pigments deliver a vibrant visual never seen in homogeneous floor coverings until now. With a palette that offers 24 colours, spanning solid, dark and light tones, Sphera Evolution is colour coordinated to deliver contemporary integrated flooring designs for large and small projects alike.



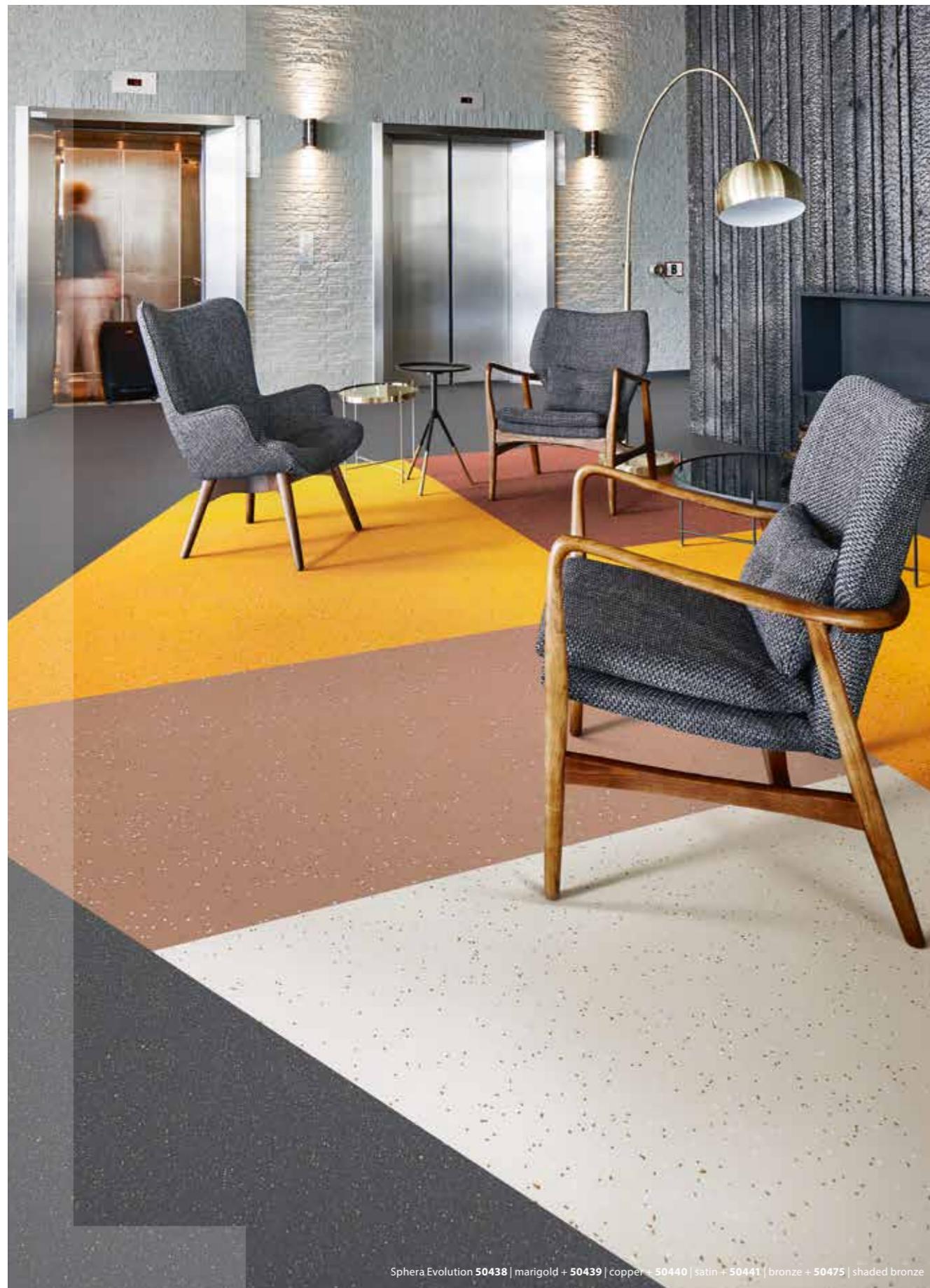
58

fabscrap

Fabscrap is a visually exciting homogeneous floor covering that is created by using unused, left-over material from Sphera production runs, creating a new colourful chip mix that is processed into a unique near zero emission floor covering.



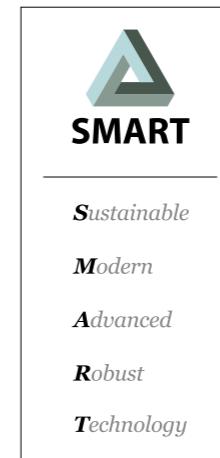
60



The Forbo Sphera collection is setting new standards in homogeneous vinyl due to its design, technology and performance. Forbo's purpose built manufacturing plant means that all the latest insights and technology have been used to create 'smart' and innovative solutions resulting in a premium collection.

We've made a massive investment in a state-of-the-art production facility in Coevorden, Holland, our European centre of expertise for vinyl flooring production.

This has enabled us to manufacture a premium homogeneous vinyl sheet that offers not only the freshest, cleanest palette ever seen in this product category but one that also benefits from SMART technology which delivers best in class performance.



DESIGN COLOUR

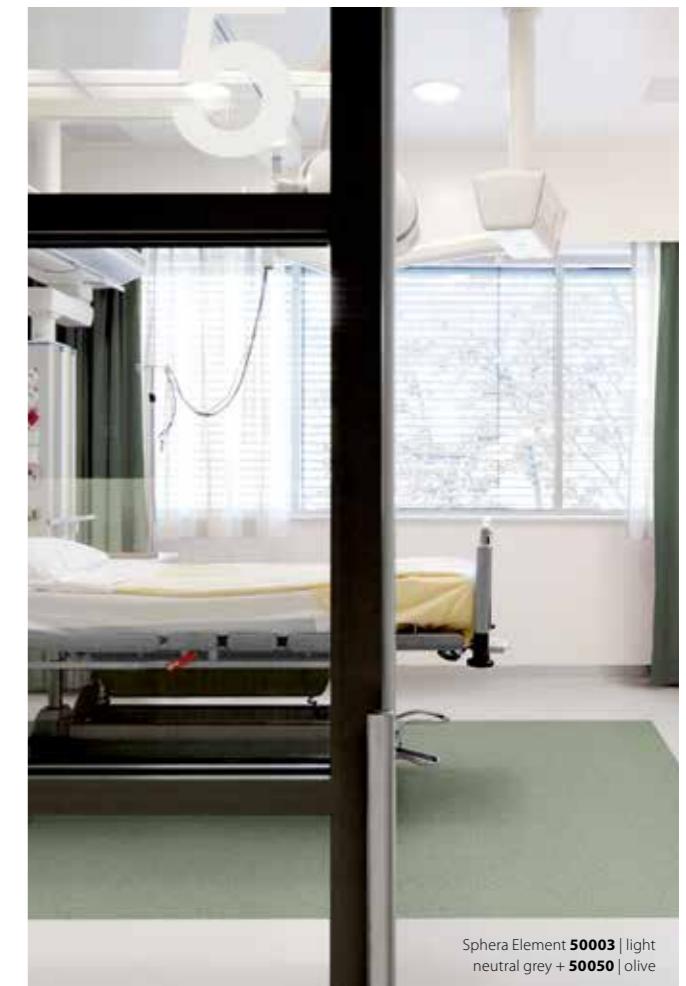
- In-house design and colour development ensures the palette complements a broad range of commercial spaces
- New technology delivers bright and saturated hues, resulting in striking colours and tones, many with high light reflection values

TECHNOLOGY SUSTAINABILITY

- State of the art steel-belt press and thermofix technology ensure consistent quality
- Green energy and zero waste technology ensure efficient and sustainable manufacturing
- Low emissions and phthalate free manufacturing ensure Sphera can contribute to a healthy indoor environment

PERFORMANCE DURABILITY

- Unique embossing process following lacquer application delivers durable performance
- In-line coating and subsequent embossing process for superior appearance
- Evenly distributed top-layer provides superior all over protection
- SMART-top surface finish ensures Sphera has a high resistance to chemicals, scratches and stains
- Achieves highest abrasion wear rating group T tested to EN660-2



FORBO'S HOMOGENEOUS FLOORING TECHNOLOGY



Forbo's Sphera homogeneous vinyl is leading the product category by design, technology and performance.



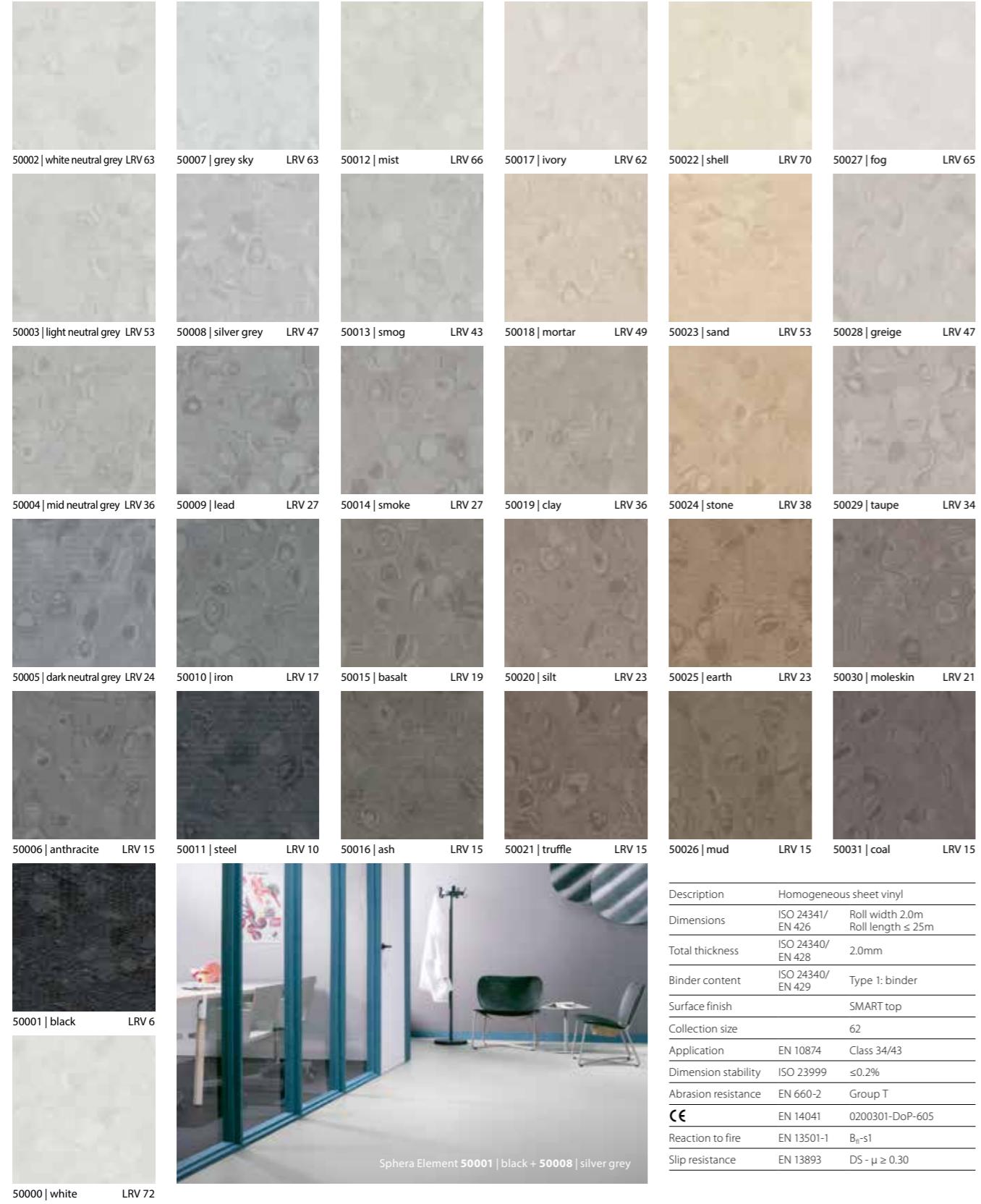
sphera® element



Sphera Element offers a fresh, light and contemporary colour palette which adds a sophistication to floor design. The collection includes warm and cool neutrals which complement interior finishes such as wood and stone along with pastels and bright accent colours for areas requiring way-finding or zoning.

Please note: Pre-formed inner and outer corner pieces are also available for all Sphera colours.

For more information please visit www.forbo-flooring.co.uk/sphera



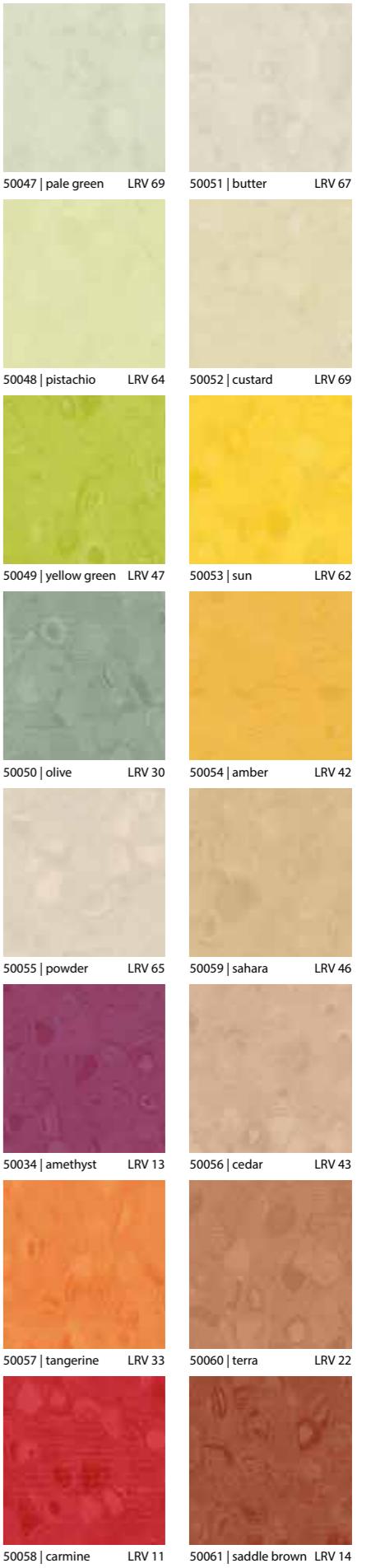
sphera®

PERFECT WITH

coral®



Sphera Element 50051 | butter + 50053 | sun



sphera®
complies with all
Cleanroom standards



Forbo-Novilon B.V.
Report No. FO 1707-929

Cleanroom®
Suitable
Materials

Sphera Element
Particle (vs. PA6): ISO 4



BREEAM generic ratings

Sphera - Homogeneous Floor Covering (EN649)

Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)
A	A+	A+	A	A+	A+

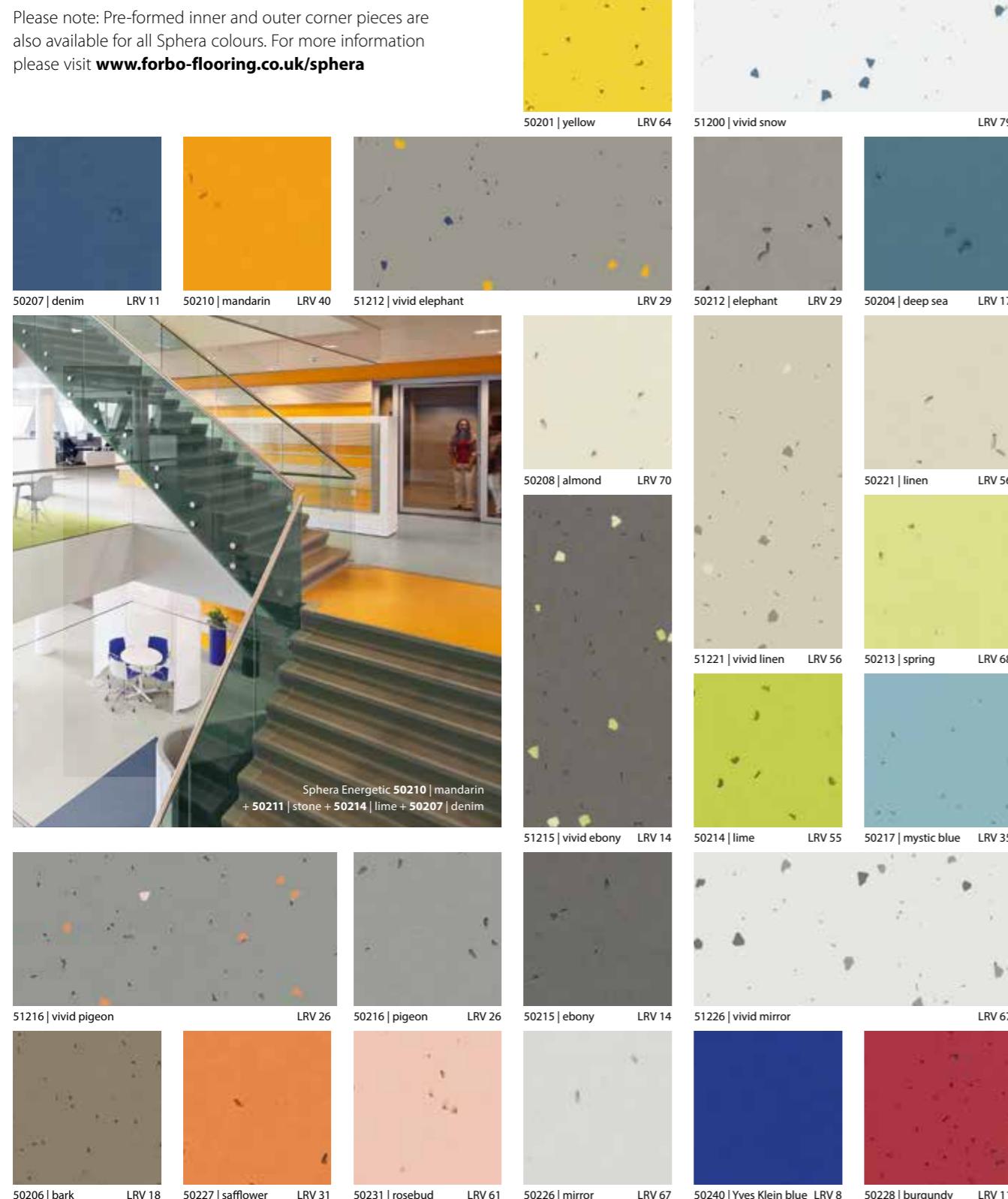
Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.



sphera® energetic

Sphera Energetic offers a bold and contemporary colour palette which is both fresh and playful. The design reflects the aesthetics of rubber, concrete and resin flooring with 11 highlight visuals featuring vivid accent chips. These highlight colours are complemented by a range of 41 flecked colours to inspire creative floor designs. Transparent granules provide depth and dirt hiding properties ensuring that Sphera can be used in all contemporary spaces.

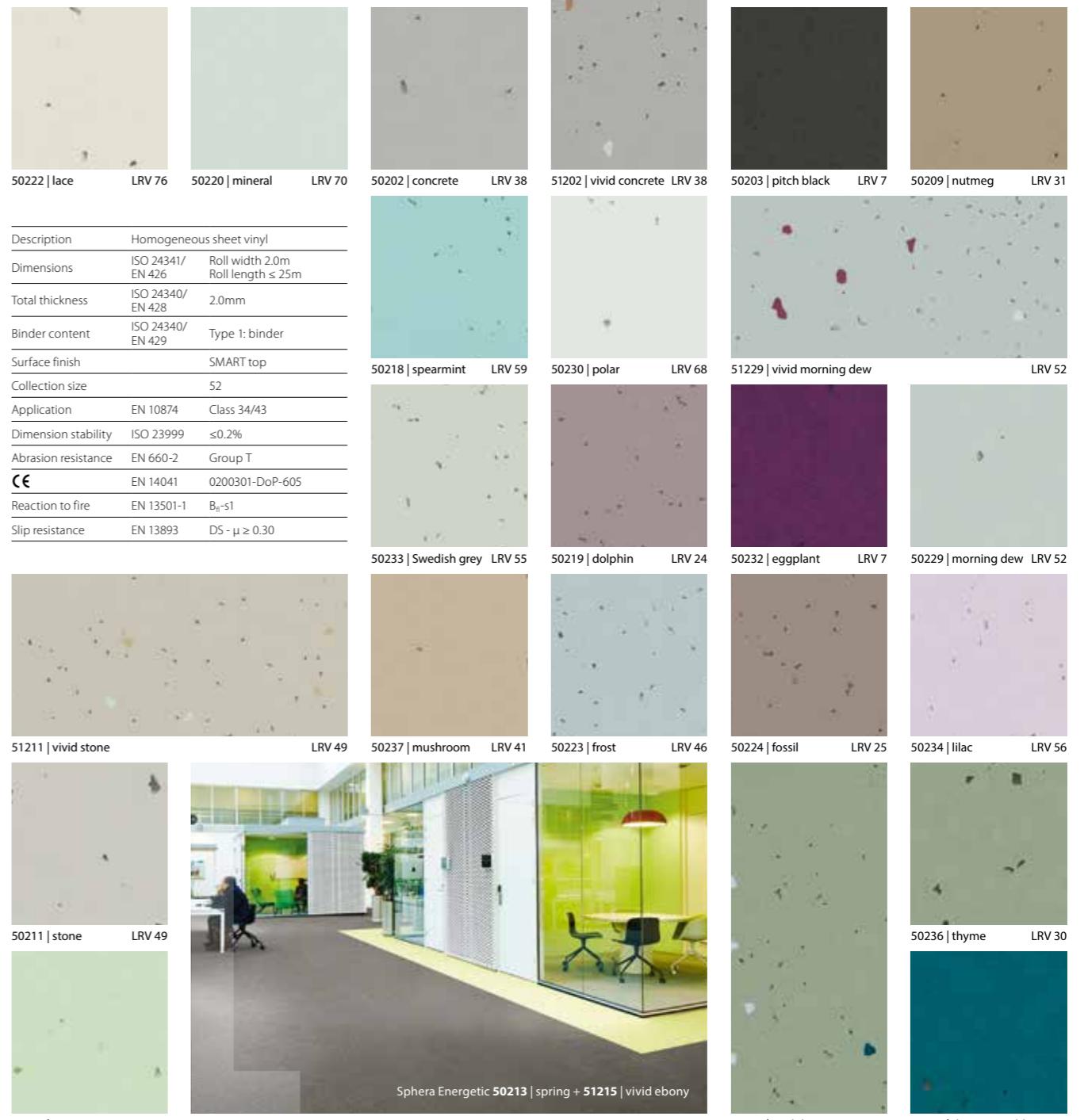
Please note: Pre-formed inner and outer corner pieces are also available for all Sphera colours. For more information please visit www.forbo-flooring.co.uk/sphera



Our recommended adhesive is 640 Eurostar Special. Full technical specifications are available at www.forbo-flooring.co.uk/downloads



sphera®
PERFECT WITH
step®



BREEAM generic ratings
Sphera – Homogeneous Floor Covering (EN649)

Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)
A	A+	A+	A	A+	A+

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

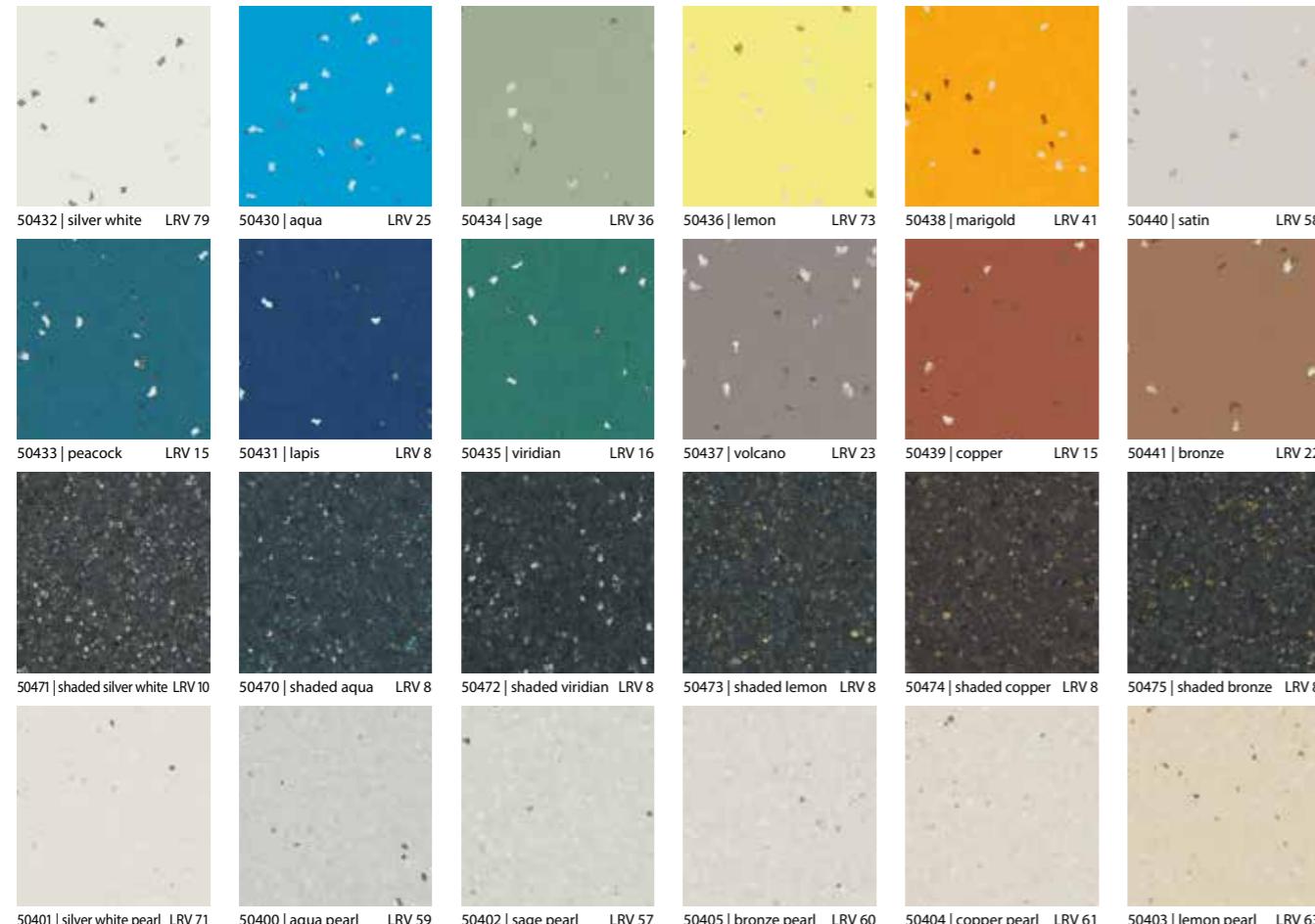


sphera® evolution

Sphera Evolution presents an expressive design innovation in homogeneous vinyl as the intricate mix of spheres, granules and colour pigments deliver a vibrant visual never seen in homogeneous floor coverings until now. With a palette that offers 24 colours, spanning solid, dark and light tones, Sphera Evolution is colour coordinated to deliver contemporary integrated flooring designs for large and small projects alike.

Please note: Pre-formed inner and outer corner pieces are also available for all Sphera colours.

For more information please visit www.forbo-flooring.co.uk/sphera



Description	Homogeneous sheet vinyl	
Dimensions	ISO 24341/ EN 426 Roll width 2.0m Roll length ≤ 27m	
Total thickness	ISO 24340/ EN 428 2.0mm	
Binder content	ISO 24340/ EN 429 Type 1: binder	
Surface finish	SMART top	
Collection size	24	
Application	EN 10874 Class 34/43	
Dimension stability	ISO 23999 ≤0.2%	
Abrasion resistance	EN 660-2 Group T	
CE	EN 14041 0200301-DoP-605	
Reaction to fire	EN 13501-1 B _r -s1	
Slip resistance	EN 13893 DS - μ ≥ 0.30	

Our recommended adhesive is 640 Eurostar Special. Full technical specifications are available at www.forbo-flooring.co.uk/downloads. Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.



BREEAM generic ratings
Sphera – Homogeneous Floor Covering (EN649)

Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)
A	A+	A+	A	A+	A+

Sphera homogeneous vinyl
is produced with brand new zero waste technology
0% waste



PROJECT:
Glan Clwyd Hospital Mother & Baby Unit

DESIGNER: IBI Group

FLOORING MATERIAL:
Sphera Element 50018 | mortar + 50031 | coal + 50005 | dark neutral grey + 50054 | amber + 50046 | teal + 50049 | yellow green + 50020 | silt + Surestep Laguna 181092 | elephant + Eternal Wood 11962 | limed oak + Sarlon Dégradé 433908 | jungle

See page 54 for the full Sphera Element range, page 71 for Surestep Laguna, page 38 for Eternal Wood and page 86 for Sarlon Dégradé.



PROJECT:
Peaks and Plains Offices

DESIGNER: Band Architects

FLOORING MATERIAL:
Sphera Element 50027 | fog + Tessera Inline 872 | onyx + Allura Flex Wood 63420FL1 | burned rough oak + Furniture Linoleum 4184 | olive + Marmoleum Piano various colours

See page 54 for the full Sphera Element range.



sphera®
PERFECT WITH

tessera®



fabscrap powered by Sphera

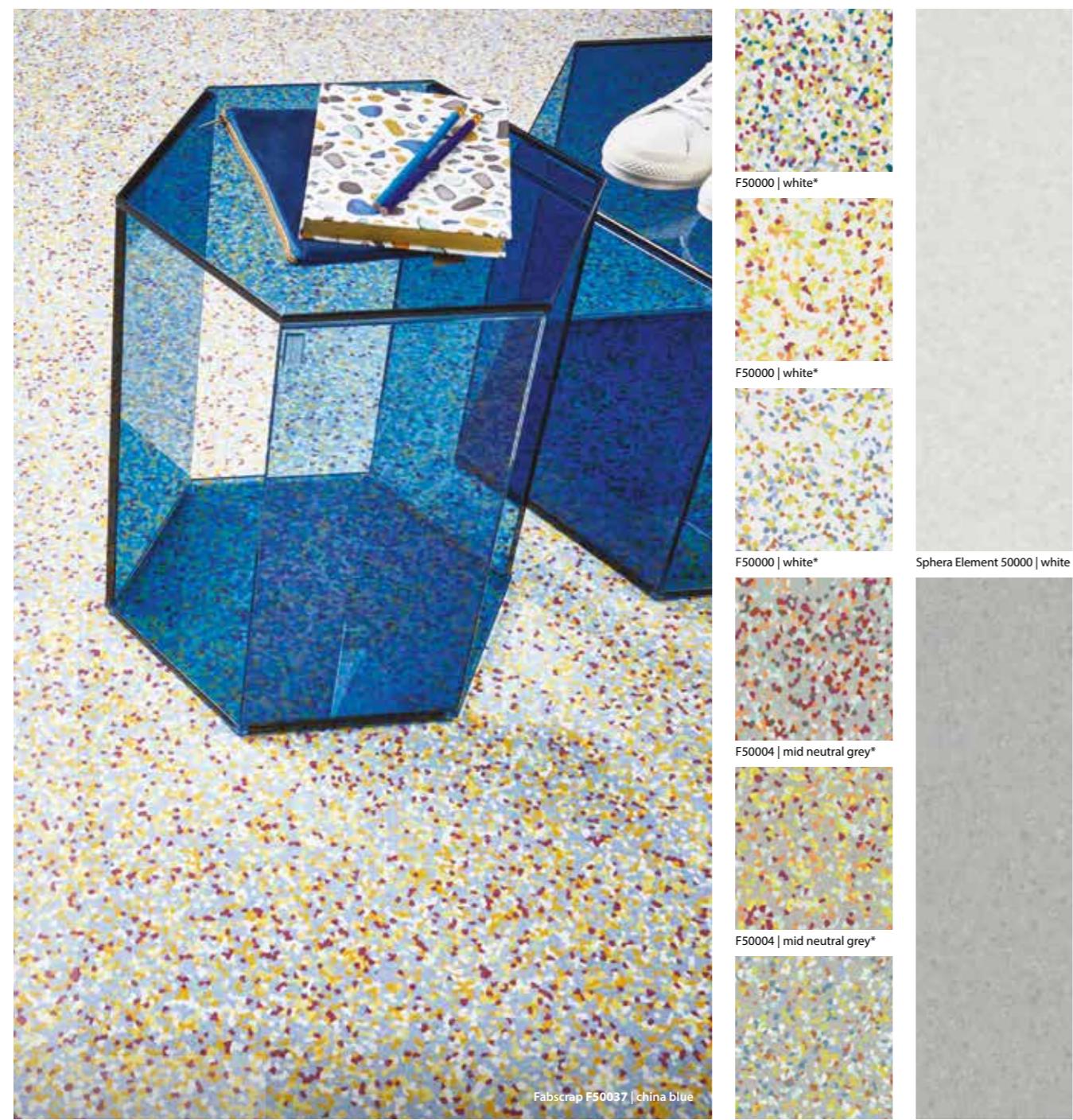


Fabscrap is a homogeneous floor covering that connects to the global trend of looking at waste material in an innovative way. It is created by using the excess material from our Sphera chip production runs, creating a new colourful chip mix that is processed into a unique near zero emission floor covering.

The beauty of imperfection

Fabscrap is a fabulous solution for material that otherwise would not be used. With the excess granules an entirely new floor visual is created that resembles a colourful terrazzo.

The granules are re-used in a random mix of colours to create a unique and playful floor covering that contributes to a better indoor environment.



*These images are just some of the possible aesthetics of one shade of Fabscrap.

Fabscrap colours

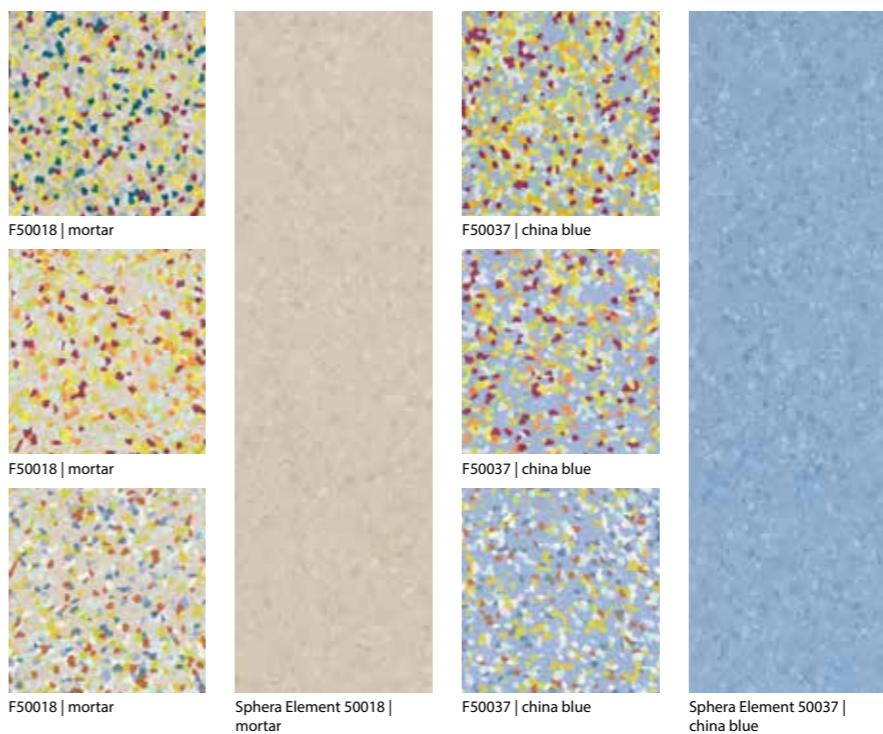
The concept starts with an offer of 4 base shades which form the background of the colourful chip mix: mortar, china blue, white and mid neutral grey. The 4 base shades come from our Sphera Element homogeneous vinyl collection meaning that Fabscrap is ideally combined with Sphera Element, in zones or way-finding designs.

The Fabscrap mix is a random combination of 7 to 8 bright colours from existing Sphera ranges. The colours in the mix vary per production run. Just choose the base shade and the coloured mix on top is a colourful surprise!

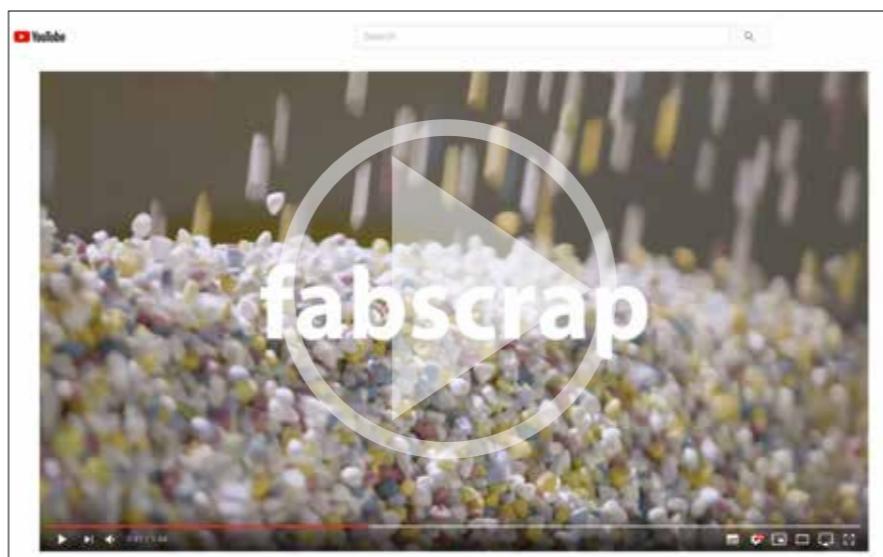
An exciting opportunity to have something really unique on your floor.



Sphera Element 50053 | sun + F50000 | white



For more information on Fabscrap and to see a video on how it is made, please visit www.forbo-flooring.co.uk/fabscrap



Description	Homogeneous sheet vinyl
Dimensions	ISO 24341/ EN 426 Roll width 2.0m Roll length ≤ 27m
Total thickness	ISO 24340/ EN 428 2.0mm
Binder content	ISO 24340/ EN 429 Type 1: binder >55%
Surface finish	SMART top
Collection size	4
Application	EN 10874 Class 34/43
Dimension stability	ISO 23999 ≤0.2%
Abrasion resistance	EN 660-2 Group T
CE	EN 14041 0200301-DoP-605
Reaction to fire	EN 13501-1 B _r -s1
Slip resistance	EN 13893 DS - μ ≥ 0.30

Our recommended adhesive is 640 Eurostar Special.
Full technical specifications are available at www.forbo-flooring.co.uk/downloads

Please note: Digital representations may vary from the actual product.
Please order a sample to see the full effect. Contact 0800 731 2369.

SAFETY VINYL**Your steps: Sure and Safe**

Forbo's Step safety flooring collection provides a complete range of products designed to meet safety demands across a wide range of applications, from general areas to more extreme areas such as commercial kitchens, wetroom (barefoot) areas and industrial applications. Several of the colourways are available across a range of slip resistances, all at 2.00mm gauge, to allow integrated and functional flooring schemes.

The Step range meets all HSE and European safety norms and delivers safety with minimal compromise in terms of cleaning and maintenance due to the PUR Pearl finish. All Step safety vinyl flooring has a guaranteed slip resistant performance throughout the life of the product.

**STEP COLLECTION AT A GLANCE****surestep® original**

R10



66

surestep® star

R10



68

surestep® steel

R10



68

surestep® material

R10



69

surestep® wood

R10



70

For our wetroom floor and wall covering solutions, please see page 76.

surestep® laguna

R10



71

safestep® R11

R11



72

safestep® R12

R12



72

surestep® decibel

R10



73

surestep® digital print

R10



74

SAFETY VINYL

HSE Compliance – Wet Pendulum Test ≥36

All Step floors are tested using the TRRL Pendulum test, the preferred test method of the HSE which is used to assess the slip resistance of a floor surface. Floors can be tested with different rubber sliders to assess either footwear or barefoot use. Using this test, a Pendulum test value (PTV) of ≥36 or higher is considered to offer a low slip risk.

Slip resistance testing is carried out using the Pendulum test in accordance with BS7976 Part 2 and UK Slip Resistance Group Guidelines. This is the preferred test method of the HSE for assessing the slip resistance of flooring. Floors can be tested with different rubber sliders to assess either footwear or barefoot use.

Using this test, a Pendulum test value (PTV) of ≥36 or higher is considered to offer a low potential for slip. Surestep, Safestep R11 and R12 products achieve wet Pendulum test values of ≥36 for footwear applications. In addition, Surestep Laguna, Safestep Aqua and Surestep Star barefoot offer wet Pendulum test values of ≥36 for barefoot use areas.

Step Crystals

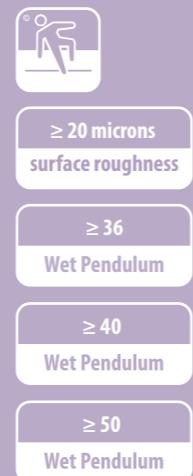
Many of the products in the Forbo Step range include Step Crystals which offer a clear and light aesthetic and also reduced soiling. As Step Crystals are made from recycled material, they also enhance the environmental performance of the collection.

Dual functionality

The Surestep Decibel range is a genuine Health and Safety Executive compliant safety floor which has a 17 dB impact sound reduction.

Creating better environments

- Our Step range contains up to 70% controlled vinyl waste in the backing.
- Many of the products in the Step range contain Step Crystals. They are made from recycled material so enhance the environmental performance of the product.
- We produce all our vinyl in Europe where it meets the highest possible REACH compliance standards for chemical content.
- Of all the electricity we buy, 100% comes from renewable sources. This means our vinyl production sites are part of an effective environmental management system and achieve ISO14001 certification.
- We use smart material constructions and durable finishes on our vinyl. A micro-embossing technology reduces the need for chemical cleaning and increases the floor's lifespan.
- All ranges in our Step collection are phthalate free.



surestep® R10

General and spillage areas with increased (a higher) slip risk

- High traffic areas, ramps or corridors
- Tea and coffee points
- General workrooms
- Service areas
- Kitchens, dining rooms to food servery areas
- Washroom areas



66

safestep® R11

Areas with increased slip risk due to continuous contamination

- Professional kitchens
- Florist shops
- Laundrettes



72

safestep® R12

Intensive use and high contamination areas

- Light industrial food production areas
- Woodworking rooms and other workshops
- Store rooms
- Commercial kitchens



72

surestep® original



Surestep Original offers a fresh alternative to conventional safety flooring with an improved cleaner aesthetic. A palette of 33 colours combines gradations of hue and lightness.

Specifications: R10, ESf, TRRL ≥36, Rz ≥20

*4 colours of the Surestep Original range are available with 17 dB impact sound reduction as Surestep original decibel. Speckled welds are available for all colours in the range.

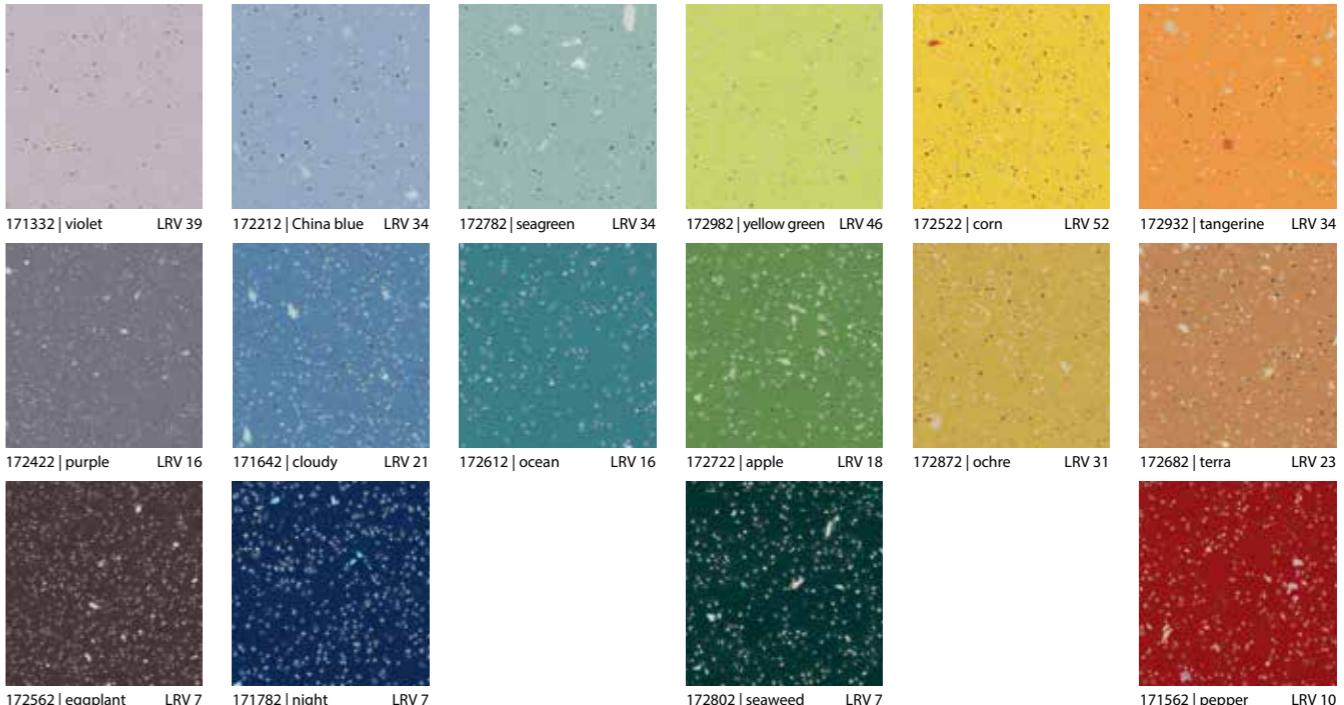


Description	Sheet safety vinyl
Dimensions	Roll width 2m Roll length 20-27 lm
Total thickness	ISO 1765 2.0mm
Thickness wear layer	EN-ISO 24340 0.7mm
Collection size	33
Application	EN 10874 Class 34/43
Slip resistance	EN 13845 Annex C ESf
	DIN 51130 R10
	TRRL Pendulum – Wet test – slider 96 ≥ 36
CE	EN 14041
Reaction to fire	EN 13501-1 Bfl-s1
Slip resistance	EN 13893 DS: ≥0.30

See page 73 for the Surestep decibel technical specification.



171422 | trout LRV 53



BREEAM generic ratings
Step safety flooring – PVC Floor Covering with enhanced slip resistance (EN13845)

Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)	Meets Ska criteria
A	A+	A+	B	A	A+	✓

Our recommended adhesive is 640 Eurostar Special.
Full technical specifications are available at www.forbo-flooring.co.uk/downloads
Please note: Digital representations may vary from the actual product.
Please order a sample to see the full effect. Contact 0800 731 2369.



surestep® star surestep® steel

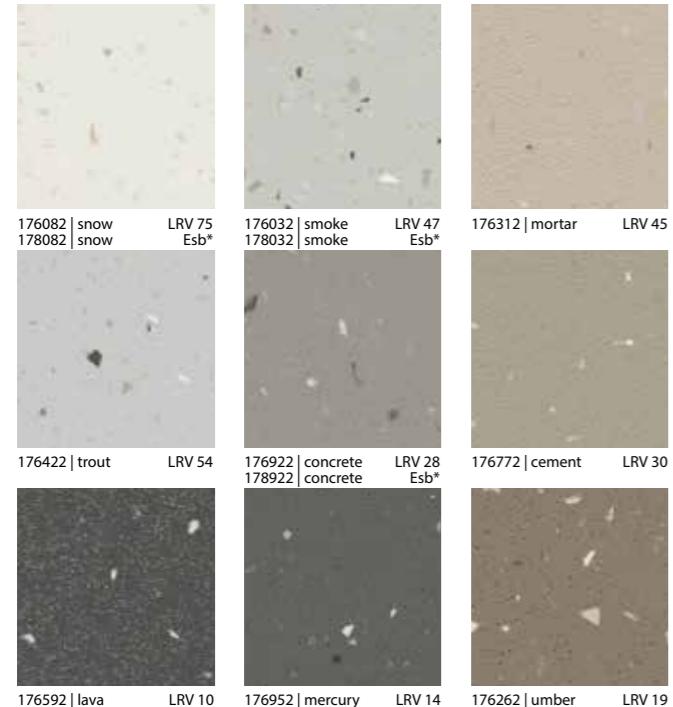
Innovative, muted and sophisticated. The 13 contemporary tones offer hints of grey and a unique aesthetic. Surestep Star offers a brighter visual with holographic particles colour matched to the terazzo or natural base colour of each item.

Surestep Steel offers a smooth concrete look with a subtle metallic sparkle in the background.

*3 colours of the Surestep Star range shown below are available in an Esb (barefoot) option.



Surestep Star 176312 | mortar



Description	Sheet safety vinyl
Dimensions	Roll width 2m Roll length 20-27 lm
Total thickness	ISO 1765
Thickness wear layer	EN-ISO 24340
Collection size	9 / 4
Application	EN 10874
Slip resistance	EN 13 845 Annex C ESf DIN 51130 R10
	TRRL Pendulum – Wet test – slider 96 ≥ 36
CE	EN 14041
Reaction to fire	EN 13501-1 Bfl-s1
Slip resistance	EN 13893 DS: ≥0.30

For Surestep Star Barefoot technical specification, please visit www.forbo-flooring.co.uk/step

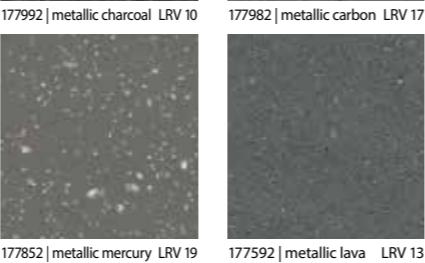
BREEAM generic ratings

Step safety flooring – PVC Floor Covering with enhanced slip resistance (EN13845)

Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)	Meets Ska criteria
A	A+	A+	B	A	A+	✓

Our recommended adhesive is 540 Eurosafe Special or 640 Eurostar Special.
Full technical specifications are available at www.forbo-flooring.co.uk/downloads

Please note: Digital representations may vary from the actual product.
Please order a sample to see the full effect. Contact 0800 731 2369.



Surestep Steel 177992 | metallic charcoal

surestep® material

A concise mix of stone, textured and mineral structures add depth and refinement to the collection.

*4 colours of the Surestep Material range shown below are available with 17 dB impact sound reduction as Surestep material decibel.

Description	Sheet safety vinyl
Dimensions	Roll width 2m Roll length 20-27 lm
Total thickness	ISO 1765
Thickness wear layer	EN-ISO 24340
Collection size	11
Application	EN 10874
Slip resistance	EN 13845 Annex C ESf DIN 51130 R10
	TRRL Pendulum – Wet test – slider 96 ≥ 36
CE	EN 14041
Reaction to fire	EN 13501-1 Bfl-s1
Slip resistance	EN 13893 DS: ≥0.30

See page 73 for the Surestep decibel technical specification.



Surestep Material 17122 | cool concrete



BREEAM generic ratings						
Step safety flooring – PVC Floor Covering with enhanced slip resistance (EN13845)						
Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)	Meets Ska criteria

Our recommended adhesive is 640 Eurostar Special.
Full technical specifications are available at www.forbo-flooring.co.uk/downloads

Please note: Digital representations may vary from the actual product.

Please order a sample to see the full effect. Contact 0800 731 2369.



surestep® wood

Realistic natural designs provide a warm ambience to all areas. The Surestep Wood palette of 11 colourways contains our most popular bestselling colours alongside new abstract woods and all-over designs. All the wood designs have a clear and sharp visual due to the use of the almost invisible 'Step Crystals', which also guarantee lifetime slip resistance. Four items also feature our new PUR Wood Pearl embossing.

*4 colours of the Surestep Wood range shown are available with 17 dB impact sound reduction as Surestep decibel. Please see page 73 for full range overview.



Surestep Wood 18942 | natural oak

Description	Sheet safety vinyl
Dimensions	Roll width 2m Roll length 20-27 lm
Total thickness	ISO 1765 2.0mm
Thickness wear layer	EN-ISO 24340 0.7mm
Collection size	11
Application	EN 10874 Class 34/43
Slip resistance	EN 13845 Annex C ESf
DIN 51130	R10
TRRL Pendulum – Wet test – slider 96	≥ 36
CE	EN 14041
Reaction to fire	EN 13501-1 B _{fl} -s1
Slip resistance	EN 13893 DS: ≥0.30

See page 73 for the Surestep decibel technical specification.



surestep® laguna

This product combines barefoot and footwear slip resistance, for areas where both are likely and frequently will take place. Complying with the relevant norms for this application, Laguna is suitable for use in transition areas such as changing rooms and circulation areas. The subtle, soil hiding design is available in 15 colourways, offering a clean and fresh look. Suitable for wheelchair use.

Surestep Laguna's plain and non-reflective decoration makes it ideal for use in dementia applications. Visit www.forbo-flooring.co.uk/care for more information.

Description	Sheet safety vinyl
Dimensions	EN-ISO 24341 Roll width 2.0m Roll length 20-27 lm
Total thickness	ISO 1765 2.0mm
Thickness wear layer	EN-ISO 24340 0.7mm
Collection size	15
Application	EN 10874 Class 34/43
Slip resistance	EN 13845 Annex C ESb/ESf
DIN 51130	R10
TRRL Pendulum – Wet test – slider 96	≥ 36
CE	EN 14041
Reaction to fire	EN 13501-1 B _{fl} -s1
Slip resistance	EN 13893 DS: ≥0.30



Surestep Laguna 181692 | mouse



Surestep Laguna 181802 | lemon + 181912 | flamingo + 181982 | aquamarine



safestep® R11 safestep® R12

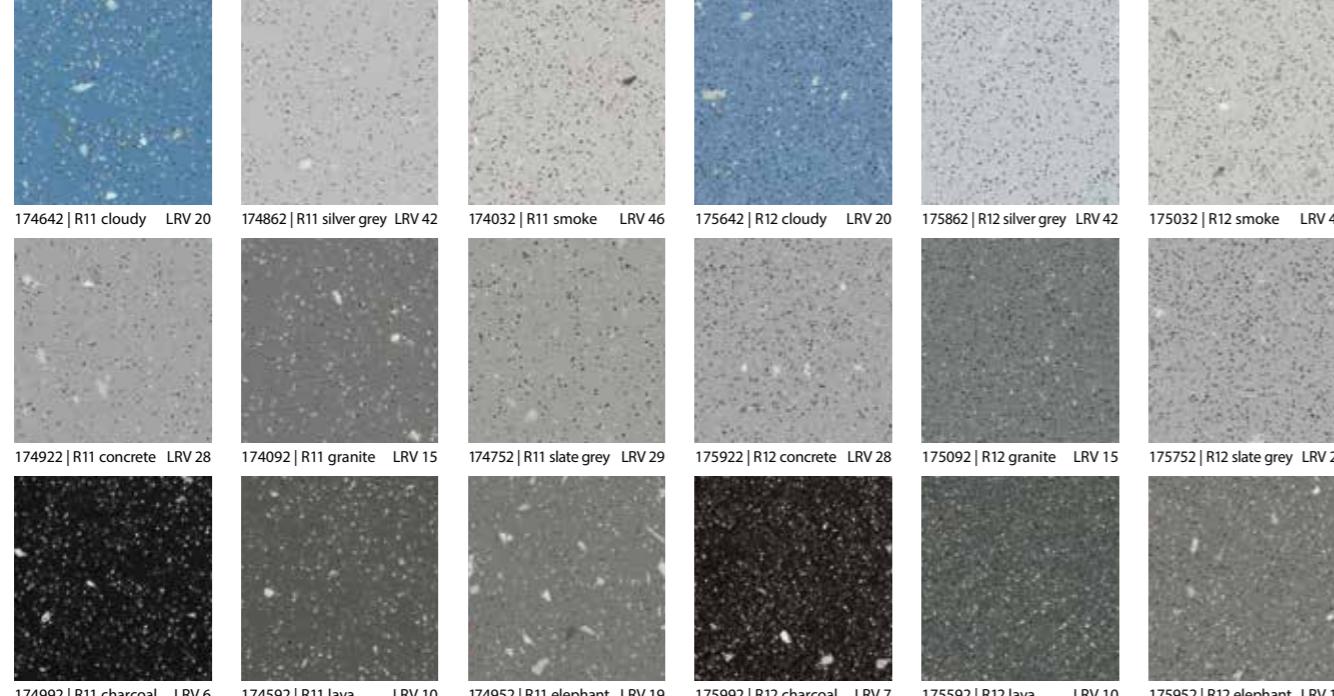


With a palette of 9 colours available in both constructions, the Safestep ranges offer increased slip resistance for areas with increased slip risk due to contamination issues (R11) and intensive use and high contamination areas (R12).



Safestep R11 174922 | concrete

Description	Sheet safety vinyl
Dimensions	Roll width 2m Roll length 20-27 lm
Total thickness	ISO 1765
Thickness wear layer	EN-ISO 24340
Collection size	9 / 9
Application	EN 10874
Slip resistance	EN 13845 Annex C ESf
DIN 51130	R11 / R12
TRRL Pendulum – Wet test – slider 96	≥ 40 (R11) ≥ 50 (R12)
CE	EN 14041
Reaction to fire	EN 13501-1
Slip resistance	EN 13893
DS:	≥ 0.30



BREEAM generic ratings						
Step safety flooring – PVC Floor Covering with enhanced slip resistance (EN13845)						
Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)	Meets Ska criteria
A	A+	A+	B	A	A+	✓

Our recommended adhesive is 640 Eurostar Special.
Full technical specifications are available at www.forbo-flooring.co.uk/downloads
Please note: Digital representations may vary from the actual product.
Please order a sample to see the full effect. Contact 0800 731 2369.

surestep® decibel



A genuine Health and Safety Executive compliant safety floor, Surestep Decibel offers sustainable R10 slip resistance underfoot, beautiful designs and a 17 dB impact sound reduction.



Surestep Decibel 717122 | cool concrete + 718962 | whitewash oak

Description	Sheet safety vinyl
Dimensions	Roll width 2/4m Roll length 20-27 lm
Total thickness	ISO 1765
Thickness wear layer	EN-ISO 24340
Collection size	12
Application	EN 10874
Slip resistance	EN 13845 Annex C ESf
DIN 51130	R10
TRRL Pendulum – Wet test – slider 96	≥ 36
CE	EN 14041
Reaction to fire	EN 13501-1
Slip resistance	EN 13893
DS:	≥ 0.30



surestep® digital print



Our Digitally Printed Step range takes safety flooring into a new design dimension. Still featuring all the product performance benefits of our standard Surestep ranges, Surestep Digital Print allows you to create custom safety flooring. Choose from our two stocked Ice Cream or Moon designs, or create your own design.

Description	Sheet safety vinyl
Dimensions	Roll width 2m Roll length 20-27 lm
Total thickness	ISO 1765
Thickness wear layer	EN-ISO 24340
Collection size	2 stocked, bespoke on request
Application	EN 10874
Slip resistance	EN 13845 Annex C ESf
DIN 51130	R10
TRRL Pendulum – Wet test – slider 96	≥ 36
CE	EN 14041
Reaction to fire	EN 13501-1 B _{fl-s1}
Slip resistance	EN 13893 DS: ≥0.30



Surestep Digital Print 17992 | ice cream



17992 | ice cream



17982 | moon



Surestep Digital Print 17982 | moon



Surestep Digital Print 17982 | moon



PROJECT:
The Fun Factory at Brewers Fayre

DESIGNER:
Brewers Fayre internal design team
FLOORING MATERIAL:
Surestep Wood 18882 | classic oak + Flotex Vision bespoke design

See page 70 for the full Surestep Wood range.



PROJECT:
Naomi House

DESIGNER: **Building Surveying & Project Management Ltd**

FLOORING MATERIAL:
Surestep Laguna 181822 | lagoon + **181262** | trout + Marmoleum Real **3055** | fresco blue + Marmoleum Striato **5221** | colourstream + Flotex Vision **000348** | cobblestone + Allura Wood **60055DR7** | waxed oak

See page 71 for the full Surestep Laguna range and page 14 for the Allura Wood range.



PROJECT:
University of Bedford The Hub

DESIGNER: **Facilities and Estates Department**
FLOORING MATERIAL:
Safestep R11 174922 | concrete + Tessera Alignment **208** | Nucleus + **209 celcius + 210** | climate

See page 72 for the full Safestep R11 range.



PROJECT:
University of Bedford The Hub

DESIGNER: **Facilities and Estates Department**
FLOORING MATERIAL:
Safestep R11 174922 | concrete + Tessera Alignment **208** | Nucleus + **209 celcius + 210** | climate

FORBO'S WETROOM SOLUTIONS

The popularity of the wetroom (watertight walk-in shower room) is growing and not just in hospitals and care homes, but also in student accommodation, sports centres and hotels. The continuously sealed floor and wall system stops moisture ingress and therefore prevents bacterial growth.

Easy to access, even for wheelchair users, hygienic and quick to clean (with no sharp corners or crevices for dirt and bacteria to collect), it's not surprising that this type of facility, which originated in Scandinavia, is becoming so popular across the UK.

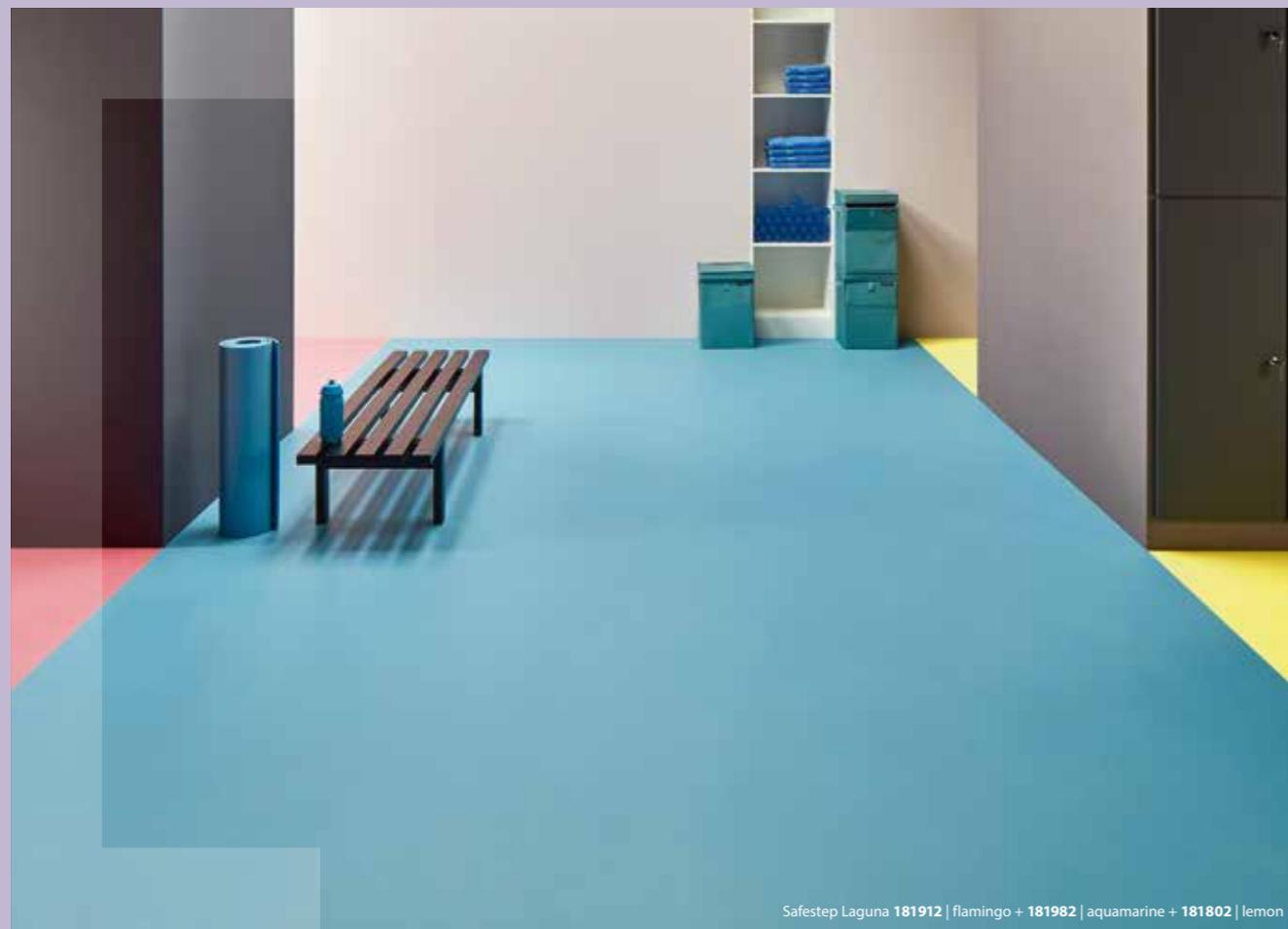
Co-ordinated wall and safety floor surfaces

Our Safestep Aqua and Surestep Laguna ranges are perfect for wetroom applications. They were specifically developed for use in continuously wet areas, where water flows frequently and barefoot traffic is the standard; or where there is a combination of barefoot and footwear traffic.

Three colours in the Surestep Star range are also available in a barefoot construction.

To complement these well established safety flooring options, we have introduced Onyx+, a range of stylishly co-ordinated vinyl wall coverings.

For installation, cleaning and maintenance advice, including which accessories to use when installing wetroom products, please visit www.forbo-flooring.co.uk/wetroom



surestep® laguna surestep® star barefoot

This product combines barefoot and footwear slip resistance, for areas where both are likely and frequently will take place. Complying with the relevant norms for the application, Laguna is suitable for use in transition areas such as changing rooms and circulation areas. Three colours in the Surestep Star range are also available in a barefoot construction.

Wetroom areas

- Continuously wet areas, mainly barefoot but also footwear
- Changing rooms in combination with footwear
- Bathrooms in combination with footwear



safestep® aqua

This modern, organic design with a new and unique embossing shape is designed for barefoot (and soft soled shoes) areas.

A flexible product, available across 12 colours, can easily be installed to meet the specific requirements of the wetroom sector.

Showers, swimming pool areas

- Continuously wet areas, barefoot and soft shoes
- Walk in showers
- Hydrotherapy areas
- Indoor swimming pools



onyx +

To complement our well established safety flooring options for wetroom applications, we have introduced Onyx+, a range of stylishly co-ordinated vinyl wall coverings.

Showers, swimming pool areas

- Available in 2m wide rolls
- Suited to commercial applications in health centres, hospitals and care homes
- Can be installed horizontally where required



surestep® laguna | surestep® star barefoot



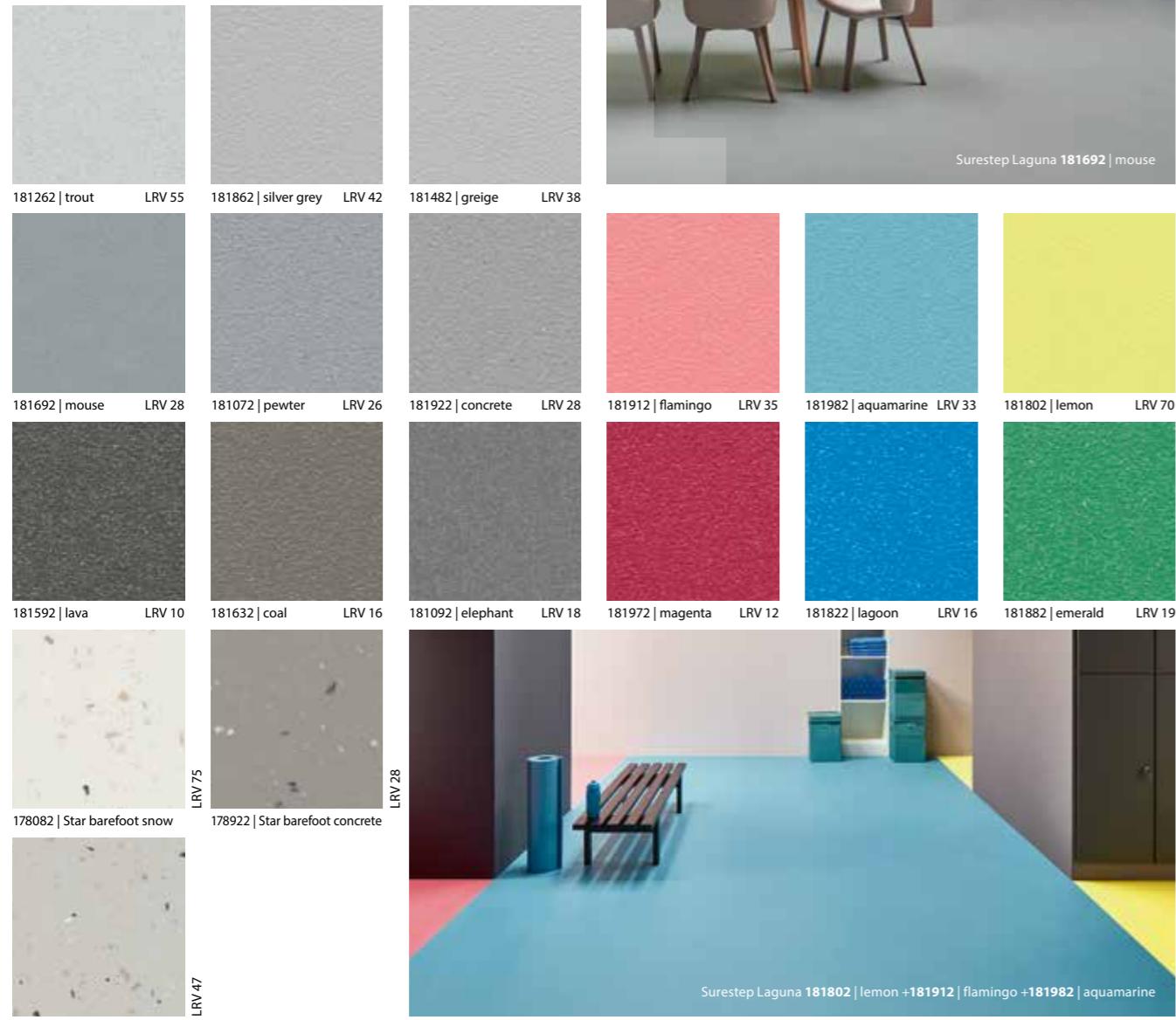
Innovation in wetroom flooring

Safestep Aqua and Surestep Laguna combine functionality with beautiful design. Both products are available in a fresh, contemporary palette suitable for all types of wetroom applications.

Surestep Laguna

This product combines barefoot and footwear slip resistance, for areas where both are likely and frequently will take place. Complying with the relevant norms for this application, Laguna is suitable for use in transition areas such as changing rooms and circulation areas. The subtle, soil hiding design is available in 15 colourways, offering a clean and fresh look. Suitable for wheelchair use.

3 items in the Surestep Star range are also available in a barefoot construction.

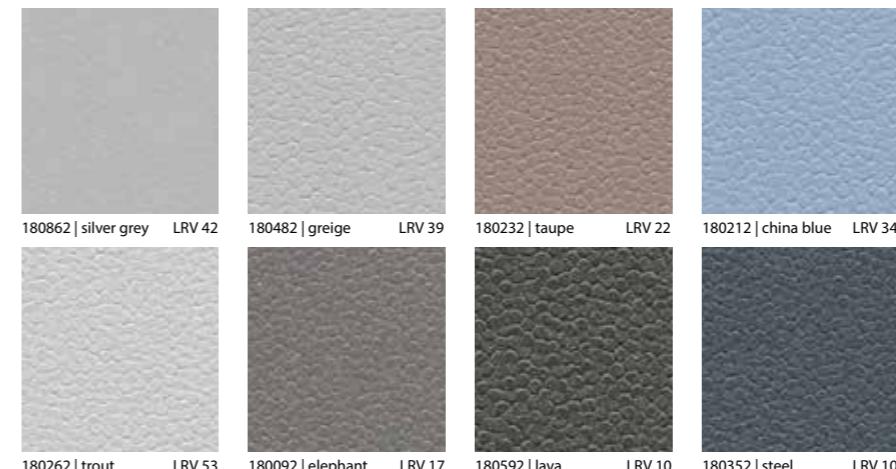


safestep® aqua



Safestep Aqua

This modern, organic design with a new and unique embossing shape is designed for barefoot (and soft soled shoes) areas. A flexible product, available across 8 colours, Safestep Aqua can easily be installed to meet the specific requirements of the wetroom sector. The clean and modern collection meets the hygienic and aesthetic requirements of application areas such as bathrooms and swimming pool surrounds. Suitable for wheelchair use.



BREEAM generic ratings

Step safety flooring – PVC Floor Covering with enhanced slip resistance (EN13845)

Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)	Meets Ska criteria
A	A+	A+	B	A	A+	✓



Our recommended adhesive is 640 Eurostar Special. Full technical specifications are available at www.forbo-flooring.co.uk/downloads. Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

onyx+ wallcovering

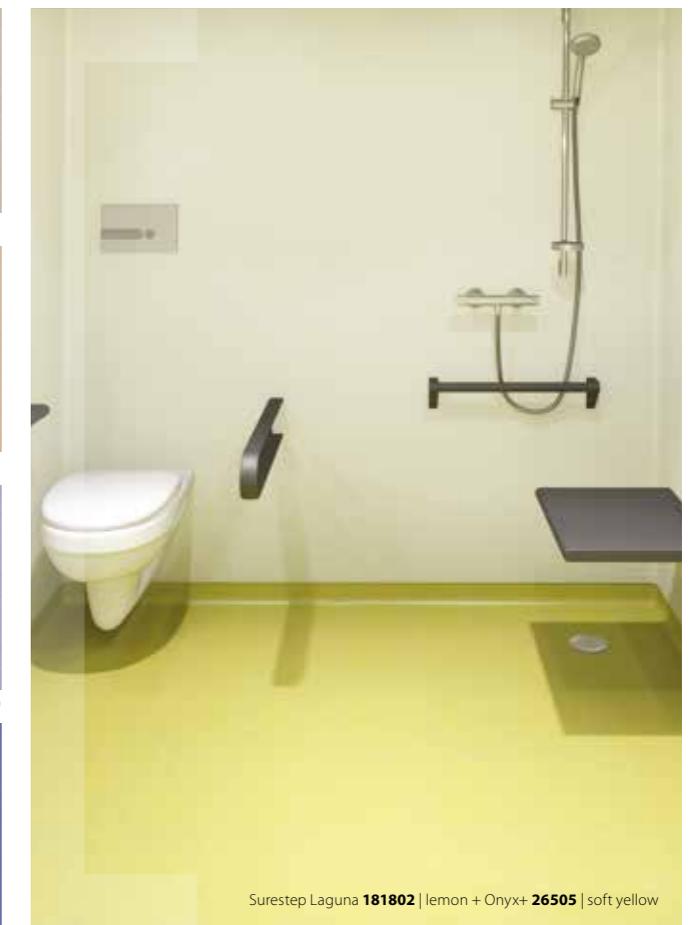
Onyx+ is a **durable vinyl wall covering** perfectly suited for commercial wetroom applications in health care facilities, nursing homes and care homes.

Onyx+ has been designed to complement our Step Safety flooring wetroom collection of Surestep Laguna, Safestep Aqua and Surestep Star Barefoot. The palette features a selection of neutral tones along with some vivid accent colours.



Description	Vinyl wall covering
Dimensions	EN-ISO 24341
Total thickness	ISO 1765
Collection size	17
CE	EN 14041
Reaction to fire	EN 13501-1
	B-s2,d0*

*Based on product glued to A2-s1,d0 paper-faced gypsum plasterboard.
For adhesive recommendations and installation guidance visit
www.floro-flooring.co.uk/wetroom. Full technical specifications
are available at www.floro-flooring.co.uk/downloads
Please note: Digital representations may vary from the actual product.
Please order a sample to see the full effect. Contact 0800 731 2369.



ACOUSTIC VINYL

Combining great aesthetics, indentation resistance and enhanced acoustic properties, Sarlon is an excellent all round performer enabling specifiers to achieve impact sound reduction of 15 dB to 19 dB.

With a reinforced PUR protective finish, Sarlon requires minimum cleaning and maintenance and is therefore ideally suited to environments such as care homes, nurseries and education.



Sarlon Code Zero 433208 | lime + Uni 430819 | medium grey

sarlon® dégradé

19 dB

Sarlon Dégradé offers an inspiring choice of colour and pattern with its graduated design. Sarlon Dégradé can also be perfectly combined with the wide range of solid colours in the Sarlon Uni collection.



86

sarlon® cement

15 & 19 dB

Sarlon Cement is a range of contemporary natural looking designs, with colourways ranging from cool grey through to warm beige.



88

sarlon® abstract wood

19 dB

Sarlon Abstract Wood offers a modern and fresh wood-like appearance. Whether the room is colourful or has a more natural feel, this range will fit right in to create an uplifting, warm and modern setting.



89

sarlon® topography

19 dB

Inspired by land contours, Sarlon Topography is a special, organic design available across three colourways.

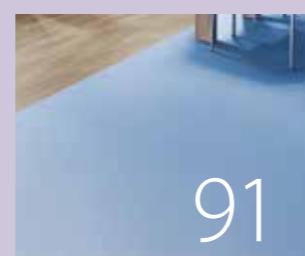


90

sarlon® cristal

15 & 19 dB

A sparkling design range suited for bright and modern locations. Sarlon Cristal has been designed with a metallic fleck to bring a lively, yet sophisticated finish to any interior.

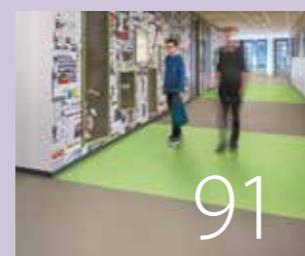


91

sarlon® frequency

15 & 19 dB

Sarlon Frequency offers a unique linear pattern in 12 vibrant colours that match perfectly with other designs from our Sarlon acoustic vinyl flooring range.



91

sarlon® uni

15 & 19 dB

Sarlon Uni offers a wide range of colours, you can create vibrant surroundings. Mix and match. Combine and play. Let your imagination take over.



91

sarlon® wood XL modern

15 & 19 dB

Sarlon Wood XL offers an extra large plank design that's ideal for larger open spaces. The modern wood colours create a more contemporary look that complements popular interior finishes such as metal and glass.



94

sarlon® oak

15 & 19 dB

Sarlon Oak offers a natural elegant wood appearance, coupled with a 15 dB or 19 dB impact sound reduction.



94

sarlon® code zero

15 & 19 dB

Movement and colour are this design's key elements. Although the pattern can easily be combined with other ranges such as Sarlon Uni, on its own Sarlon Code Zero will also create a distinctive identity.



91

sarlon® resin

15 & 19 dB

Sarlon Resin presents 7 bright floor designs that make a colourful statement on your floor. This acoustic vinyl floor covering combines great looks and excellent quality with acoustic comfort, offering 15 dB and 19 dB impact sound reduction.



91

sarlon® linea

15 & 19 dB

Sarlon Linea presents a graphic wood design in 3 natural colours.



95

sarlon® zebrano

15 & 19 dB

Sarlon Zebrano is a linear design with a wood impression and is presented in 3 natural colours. This acoustic vinyl floor covering is available in 15 dB and 19 dB impact sound reduction and combines acoustic comfort with natural design.



95

sarlon® concrete

15 & 19 dB

Sarlon Concrete is designed to bring out earth and mineral tones for a more modern office, conference or educational establishment. Understated yet stylish, this contemporary range has smooth clean lines and offers excellent durability.



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SARLON – ACOUSTIC. DESIGN. CONFIDENCE.

Sound

Forbo Flooring Systems has over 30 years of acoustic experience and industry knowledge of this specialist area and has produced over 100 million m² of acoustic floor coverings.

Achieving lower noise pollution is essential to reducing stress and promoting the well-being, comfort and efficiency of people working or learning. There are two different types of sound that can cause noise pollution.



In-room impact sound is ambient noise which is generated by impact noise in the room itself.

The standard NF-S31-074 classifies all flooring into various performance categories. All Forbo Sarlon products are classified in Class A: which is the highest rating possible.



Impact sound reduction is sound transmitted through the floor from one room to the floors below. This is the most commonly quoted sound reduction measure.

Forbo are experts in this area and the impact sound reduction (EN ISO 717-2) of Forbo's Sarlon collection ranges from 15 to 19 dB.

Indentation

Each design in the Sarlon collection combines high acoustic performance with optimal resistance to indentation. These are key measures when determining the choice of acoustic flooring. Forbo's unique backing provides acoustic sound reduction from 15dB to 19dB whilst ensuring minimal residual indentation.

You have the choice

For projects where sound reduction is the key priority, our collection of Sarlon 19 dB products offers excellent acoustic properties with residual indentation performance that's the best in class. However, for areas where the floor coverings may be subjected to very heavy or rolling loads, Sarlon 15 dB will give you the optimum balance between acoustic performance and residual indentation. Circumstances will dictate which product is the best solution for your project but you can be confident that the Sarlon range is the most comprehensive collection of its kind.

Visit www.forbo-flooring.co.uk/sarlon for more information on in-room and impact sound reduction.

Creating better environments

- Sarlon acoustic vinyl is 100% phthalate free.
- We produce all our vinyl in Europe and are REACH compliant for chemical content.
- All the electricity we buy comes from renewable sources. This means our vinyl production sites are part of an effective environmental management system and achieve ISO14001 certification.
- Through our Back to the Floor scheme, we can collect installation off-cuts from our smooth vinyl floors, including Sarlon.



www.forbo-flooring.co.uk/backtothefloor



sarlon® dégradé | 19 dB

Sarlon Dégradé offers an inspiring choice of colour and pattern with its graduated design.

Sarlon Dégradé can also be perfectly combined with the wide range of solid colours in the Sarlon Uni collection.



BREEAM generic ratings

Sarlon – PVC Floor Covering with a foam layer (EN651)

Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)	Meets Ska criteria
A	A+	A+	A	A	A+	✓



Description	Sheet acoustic vinyl	
Dimensions	ISO 24341 EN 426	Roll width 2.0m Roll length ≤ 25m
Total thickness	ISO 24346 EN 428	15 dB 2.6mm 19 dB 3.4mm
Thickness wear layer	EN-ISO 24340	15 dB 0.7mm 19 dB 0.67mm
Collection size		Dégradé 6 Cement 6 Topography 3 Abstract Wood 2
Application	ISO 10874/EN651	Class 34/42
Impact sound reduction	EN-ISO 717-2	ΔLw = 15 dB ΔLw = 19 dB
In-room impact noise	NF S 31-074	Lnew < 65 dB, Class A
Residual indentation (Typical value requirement)	EN-ISO 24343-1	15 dB ~0.05mm 19 dB ~0.08mm ≤ 0.20mm
CE	EN 14041	
Reaction to fire	EN 13501-1	15 dB Bfl-s1 (footnote 1) 19 dB Cfl-s1 (footnote 2)
Slip resistance	EN 13893	DS: ≥0.30

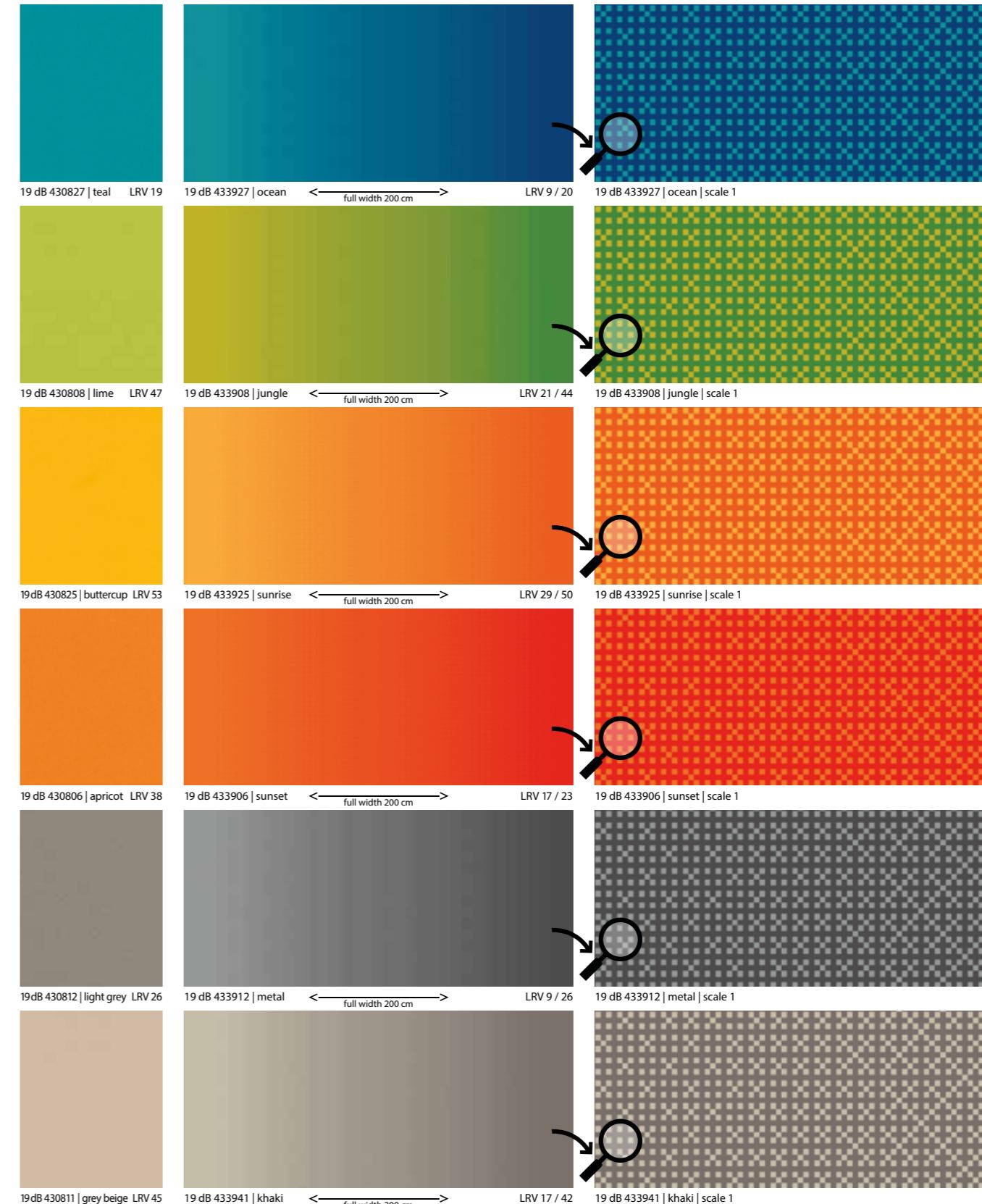
(1) Valid on every substrate: wood, non combustible A2fl-s1 or A1fl or on free laying (with SARLIBASE TE underlayer)

(2) Valid on non combustible substrate: A2fl-s1 or A1fl

Our recommended adhesive is 640 Eurostar Special.
Full technical specifications are available at
www.forbo-flooring.co.uk/downloads

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect.
Contact 0800 731 2369.

Sarlon Uni 19 dB Sarlon Dégradé 19 dB





sarlon® cement | 15 & 19 dB

Sarlon Cement is a range of contemporary natural looking designs, ranging from cool grey through to warm beige.



Sarlon Cement (15dB) **423579** | (19dB) **433579** | slate



15 dB 423573 / 19 dB 433573 | clay



LRV 41

15 dB 423570 / 19 dB 433570 | chalk

LRV 49



15 dB 423574 / 19 dB 433574 | sepia

LRV 28



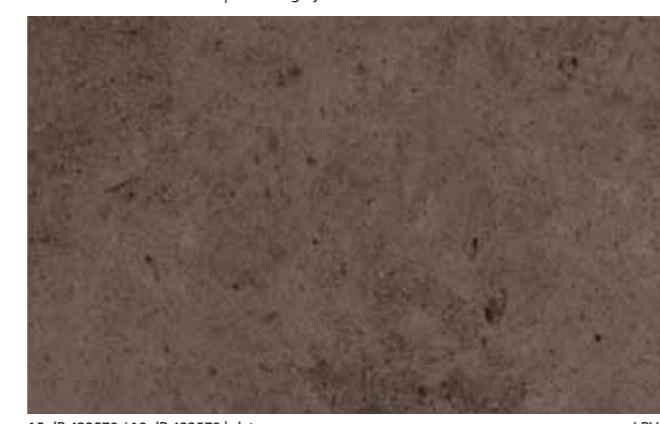
15 dB 423572 / 19 dB 433572 | medium grey

LRV 26



15 dB 423584 / 19 dB 433584 | taupe

LRV 20



15 dB 423579 / 19 dB 433579 | slate

LRV 15



sarlon® abstract wood | 19 dB

Sarlon Abstract Wood offers a modern and fresh wood-like appearance. Whether the room is colourful or has a more natural feel, this range will fit right in to create an uplifting, warm and modern setting.



19 dB 433989 | black

LRV 9



19 dB 433980 | white

LRV 66



Sarlon Abstract Wood (19dB) **433980** | white



sarlon® topography | 19 dB

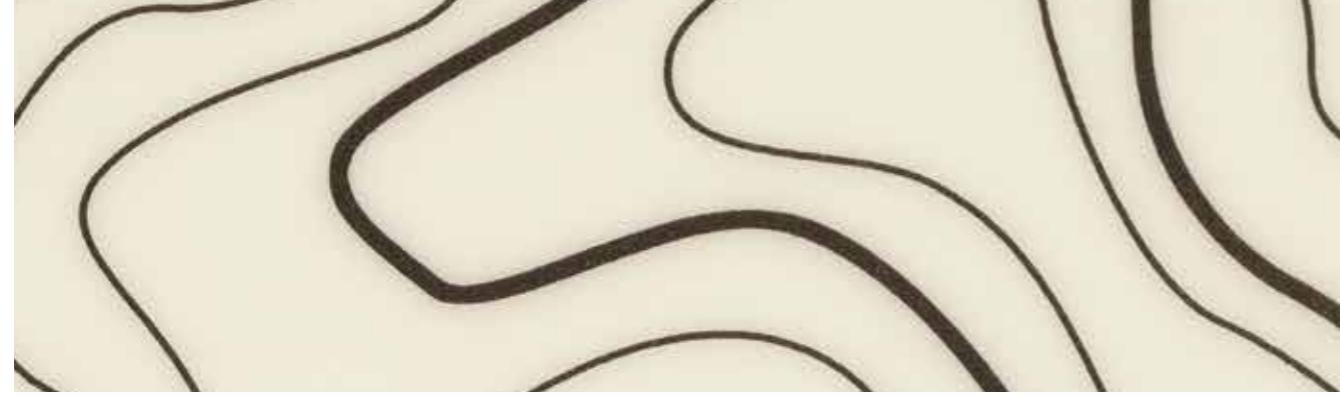
Inspired by land contours, Sarlon Topography is a special, organic design available across three colourways.



19 dB 433929 | black LRV 6



19 dB 433919 | grey LRV 13



19 dB 433910 | white LRV 38



Sarlon Topography (19dB) 433910 | white

sarlon® | 15 & 19 dB

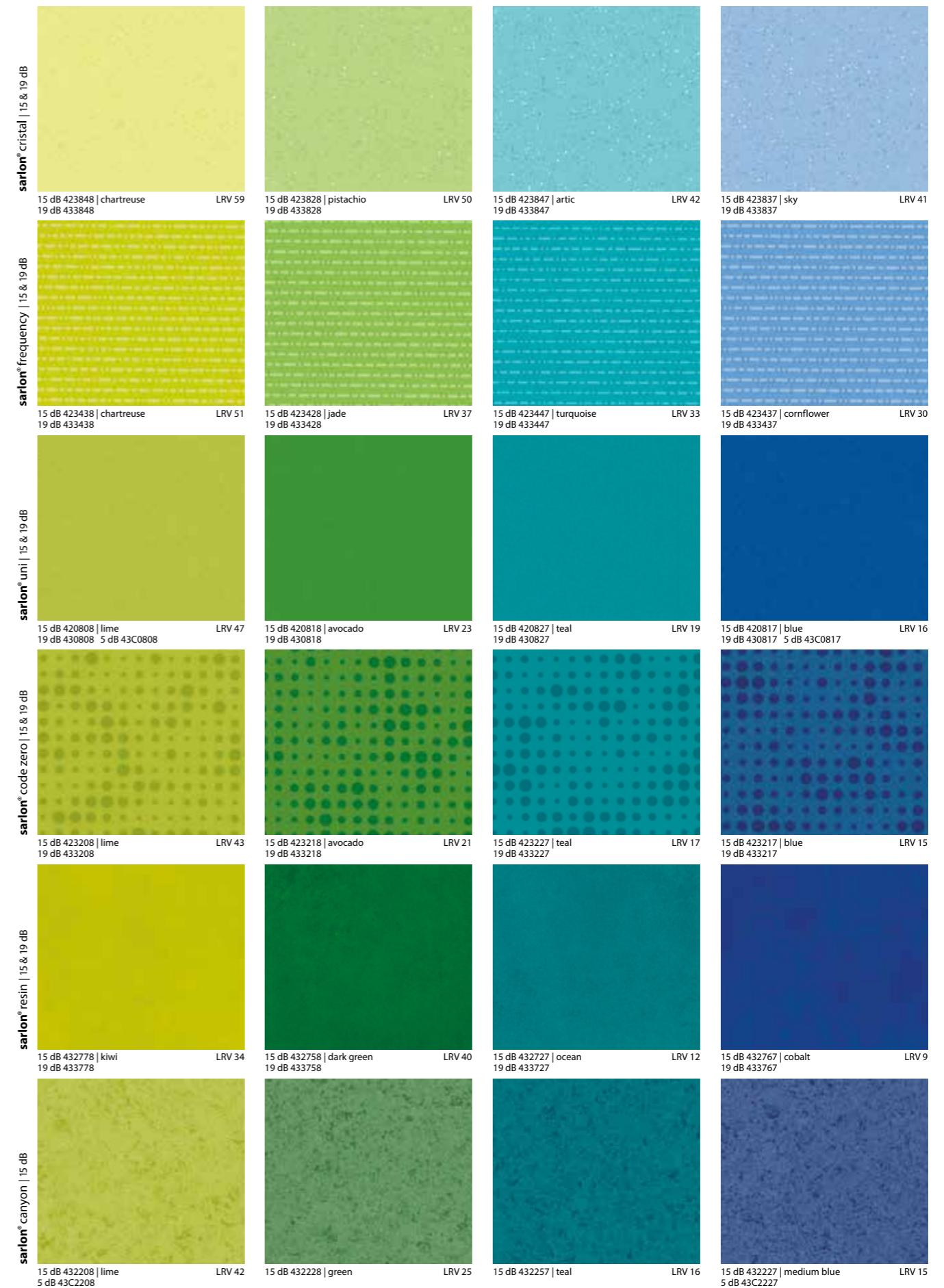
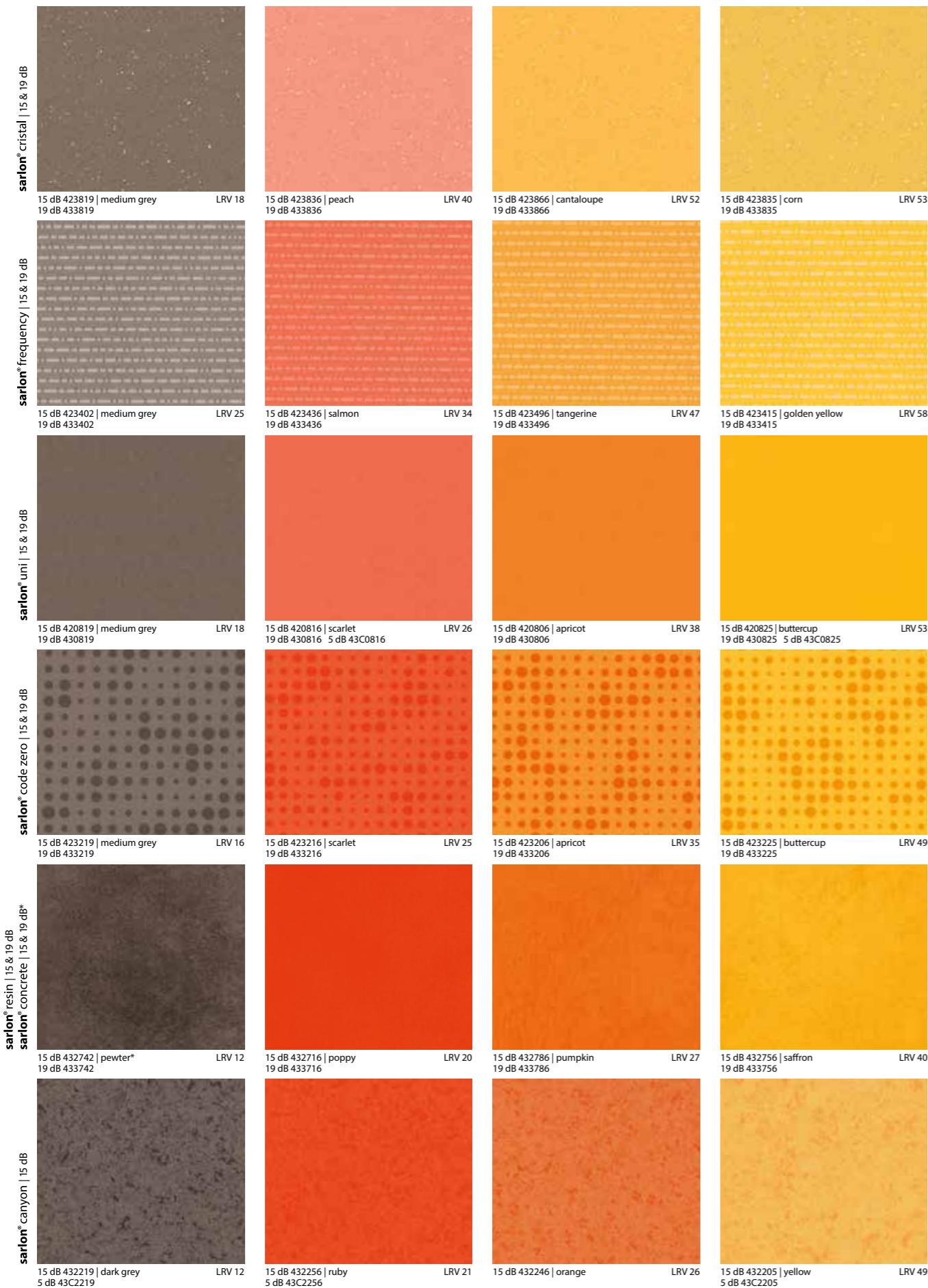
Below are seven Sarlon ranges each with their own design characteristic. Offering a variety of colours and designs, from bright and modern, through to natural stone effects. Designed to work on their own or co-ordinate perfectly with each other.

Items marked with a 'C' are also available as Sarlon Compact, 2mm gauge and 5 dB impact sound reduction.





sarlon® | 15 & 19 dB



sarlon® wood XL modern | 15 & 19 dB

sarlon® oak | 15 & 19 dB



Sarlon Wood XL Modern and Sarlon Oak offer a natural elegant wood appearance, coupled with a 15 dB or 19 dB impact sound reduction.



15 dB 428422 / 19 dB 438422 | wood XL modern | carbon LRV 15



Description	Sheet acoustic vinyl	
Dimensions	ISO 24341 EN 426	Roll width 2.0m Roll length ≤ 25m
Total thickness	ISO 24346 EN 428	15 dB 2.6mm 19 dB 3.4mm
Thickness wear layer	EN-ISO 24340	15 dB 0.7mm 19 dB 0.67mm
Collection size		Wood XL modern Oak 6 Linea 3 Zebrano 3
Application	ISO 10874/EN651	Class 34/42
Impact sound reduction	EN-ISO 717-2	ΔLw = 15 dB ΔLw = 19 dB
In-room impact noise	NF S 31-074	Lnew < 65 dB, Class A
Residual indentation (Typical value requirement)	EN-ISO 24343-1	15 dB ~0.05mm 19 dB ~0.08mm ≤ 0.20mm
CE	EN 14041	
Reaction to fire	EN 13501-1	15 dB Bfl-s1 ^(footnote 1) 19 dB Cfl-s1 ^(footnote 2)
Slip resistance	EN 13893	DS: ≥0.30

⁽¹⁾ Valid on every substrate: wood, non combustible A2fl-s1 or A1fl or on free laying (with SARIBASE TE underlayer)

⁽²⁾ Valid on non combustible substrate: A2fl-s1 or A1fl

Our recommended adhesive is 640 Eurostar Special.
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sarlon® linea | 15 & 19 dB



Sarlon Linea and Sarlon Zebrano are contemporary designs with a modern wood-like appearance.



sarlon® zebrano | 15 & 19 dB



Sarlon Zebrano (15dB) 423319 | (19dB) 433319 | charcoal



COMPLETE ESD FLOORING SOLUTIONS



Sphera SD 550034 | amethyst + 550032 | soft lilac

Discover the different products within the ESD, Under Control collection.

colorex® collection

The Colorex brand represents the best known static control flooring in the market. Colorex offers Static Dissipative (SD) and Electro-Conductive (EC) properties along with adhesive free and R10 options.

FASTFIT ⏰

Rapid, reusable flooring



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sphera® SD | EC NEW

Sphera SD | EC is a durable homogeneous vinyl sheet collection, specifically designed to control static discharge and particle emission in sensitive areas in industrial, pharmaceutical and healthcare facilities. Available in SD (Static Dissipative) and EC (Electro-Conductive) formats.



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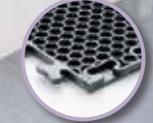
marmoleum® ohmex

Marmoleum Ohmex static dissipative linoleum is, like all Marmoleum products, produced from renewable materials, therefore making it one of the most sustainable ESD floor coverings available.



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THE UNDER CONTROL COLLECTION



colorex® plus

THE ADHESIVE FREE SOLUTION

FASTFIT
Rapid, reusable flooring



THE SHEET SOLUTION



NEW

sphera®



marmoleum® ohmex



colorex®

SPHERA – THE SHEET SOLUTION NEW

Available in both Static Dissipative (SD) and Electro-Conductive (EC) formats

- Innovative product development and carefully controlled production processes ensure a flooring solution with permanent conductive properties, which complies with all ESD standards.
- Sphera SD | EC will retain its optimal performance throughout the product's lifetime, regardless of the conditions of the environment, such as humidity levels.
- Low emissions and phthalate free manufacturing ensures that Sphera SD | EC can contribute to a healthy indoor environment.
- The unique SMART control surface treatment makes Sphera SD | EC resistant to stains and scratches, for a durable and hygienic solution.
- Thanks to the conductive backing, there is no need for conductive adhesive underneath the full sheet, only to affix the copper strip. This reduces installation costs and risks of installation errors.
- Sphera SD | EC is produced in a zero waste environment, ensuring efficient and sustainable manufacturing.

COLOREX – THE TILE SOLUTION

Available in both Static Dissipative (SD) and Electro-Conductive (EC) formats

- The technology ensures a permanently conductive product guaranteeing optimal performance throughout the life of the product. Colorex fully complies with all ESD standards.
- The surface of Colorex can be fully repaired extending the useful life of the product.
- The low plasticizer content in Colorex tiles creates a unique dimensional stability and prevents shrinkage. The tiles can be perforated for air flow systems.
- The dense construction of Colorex provides excellent resistance to heavy loads, such as pallet trucks, making it an ideal solution for commercial and industrial environments.
- Colorex is available in tile format, a prerequisite for raised access floors found in many commercial environments such as data centres and server rooms.
- Option to add safety signs and guiding with Colorex Signal and Colorex Signal Glow.

- The low plasticizer content also ensures extremely low emissions and outgassing making Colorex the right choice for cleanrooms. Colorex fully complies with all cleanroom standards including the Fraunhofer Institute, and can be used in level 2 cleanrooms and above.

COLOREX PLUS – THE ADHESIVE FREE SOLUTION

An adhesive free solution with a Colorex surface ideal for use in areas where subfloor quality can be an issue, or where quick installation is required.

- Colorex Plus EC is a fast fit solution used by a wide range of high tech companies for fast expansion of a manufacturing facility. Other formats of Colorex plus are also available.
- Invisible dovetail backing construction for a strong and stable connection which smoothly seals the floor surface and prevents build up of mould and bacteria.

FASTFIT
Rapid, reusable flooring

- As part of Forbo's Fast Fit collection Colorex Plus items can reduce installation time by over 50%.
- Colorex Plus is available in Colorex Plus, Colorex Basic Plus and the new Colorex Plus R10.

MARMOLEUM OHMEX – THE SUSTAINABLE SOLUTION

Forbo has developed a special formula for Marmoleum that meets specific higher requirements for electrical conductivity.

Marmoleum Ohmex static dissipative linoleum is, like all Marmoleum products, produced from renewable materials, therefore making it one of the most sustainable ESD floor coverings available.

THE BENEFITS OF COLOREX

Colorex is an advanced technical flooring system specifically designed to control static discharge in sensitive areas such as cleanrooms, operating theatres and the electronics industry. Not only does Colorex provide an advanced technical solution, it is also aesthetically pleasing, enhancing any commercial interior from industrial to healthcare establishments.

Providing peace of mind

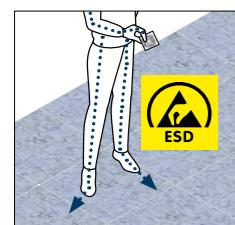
Forbo Flooring Systems is an international market leader with a wealth of experience in providing ESD and cleanroom flooring through one of the most trusted brands on the market – Colorex. You can have peace of mind that Colorex complies to every standard and norm that is required today and likely to be required tomorrow.

Environmental credentials

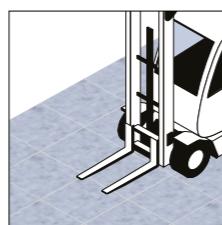
We constantly strive to produce sustainable flooring solutions that create better environments across all application areas. At the same time we help take care of the natural environment through our commitment to sustainable development, responsible raw material procurement and manufacturing processes.



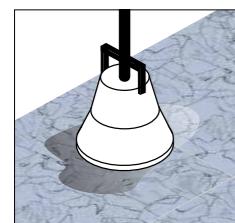
8 THINGS YOU SHOULD KNOW ABOUT COLOREX



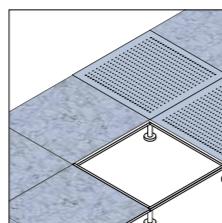
1 | The technology ensures a permanently conductive product guaranteeing optimal performance throughout the life of the product, regardless of the humidity level of the area.



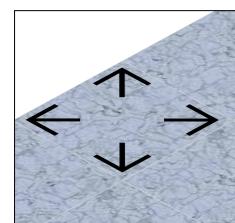
5 | The dense construction of Colorex and the Colorex Plus adhesive free system provides excellent resistance to heavy loads making it an ideal solution for commercial and industrial environments.



2 | The surface of Colorex can be fully repaired extending the useful life of the product.



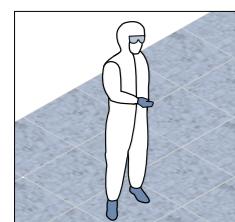
6 | Colorex is available in tile format, a prerequisite for raised access floors found in many commercial environments such as data centres and server rooms.



3 | The low plasticizer content in Colorex tiles creates excellent dimensional stability and prevents shrinkage. The tiles can be perforated for air flow systems.



7 | There is an option to add safety signs and guiding with Colorex signal and Colorex signal glow.



4 | The low plasticizer content also ensures extremely low emissions and outgassing making Colorex the right choice for cleanrooms. Colorex fully complies with all cleanroom standards, including the Fraunhofer institute, and can be used in level 2 cleanrooms.



Rapid, reusable flooring

8 | As part of Forbo's Fast Fit collection, Colorex Plus adhesive free tiles can help reduce installation time by over 50%. Visit www.forbo-flooring.co.uk/fastfit to find out more.

ESD FLOORING THAT IS FUTURE PROOF

The right floor makes the difference

Reducing the generation of electrostatic charges is the main purpose of control measures in ESD protected areas (EPA). In such areas such as electronics assembly, life sciences and data centres, the right floor covering plays a crucial role. Not only does it drain electrostatic charges from personnel and equipment, but it also reduces the generation of charges where they occur at the interface between the soles of shoes and the floor.

Low body voltage generation

It is a natural phenomenon that anybody can accumulate an electrostatic charge just by the simple motion of walking. By wearing the appropriate ESD shoes however, these charges will be securely drained through the dense network of conductive veins of Colorex SD and Colorex EC.



Consistent, lifetime conductivity

The unique construction and technology of Colorex SD and Colorex EC ensures the permanent and stable conductive performance of the floor over its entire life time, regardless of changes in humidity and temperature.

We measure the electrical resistance of every single production batch of Colorex EC and Colorex SD and upon request, we can provide a test report clearly showing the results of our measurements.

Proven results

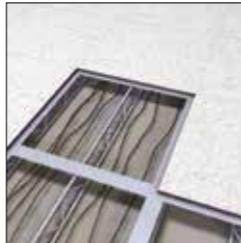
Colorex SD and Colorex EC are tested to all relevant international ESD standards, such as IEC, ANSI/ESD and ISO, for which test reports can be provided on request.



COLOREX SD | EC EXPLAINED

Colorex can be used in many different applications. It can be installed by fully adhering it directly to a subfloor or bonding it to a raised access floor panel. Colorex is available with different levels of conductivity. With Colorex, static charges flow easily through the dense network of conductive veins.

The charge is transmitted via the conductive adhesive and securely discharged to earth via a copper strip. The conductivity is created by the nature of the material and needs no volatile chemical additives. Therefore Colorex is not affected by changes in temperature or humidity.



Colorex fully adhered directly to the floor

Colorex can be installed onto a solid subfloor. When conductive properties are required this should be done by laying copper tape to the floor and then connecting to an earth point. Conductive adhesive should then be spread covering the copper tape and bonding the Colorex tiles. When Colorex is installed using this process, the static charge is drained to earth via the earthing point. When conductivity is not required, a standard primer and adhesive can be used.

When installed on solid floors, Colorex can withstand heavy loads such as fork lift trucks without being damaged. The welding of Colorex tiles is optional for ESD areas however, it is a requirement for cleanrooms. The unique dimensional stability of Colorex ensures no shrinkage and therefore, a correctly installed weld will never open up.

COLOREX EC	COLOREX SD
Permanently conductive Connection between tiles through conductive adhesive and connected to earth through copper strip. Compliant to IEC 61340-4-5 with appropriate ESD shoes. Also available in Glow, a luminous option perfect for marking emergency exit routes, for example. Application areas Places where conductive flooring is required: ESD facilities, cleanrooms, pharmaceutical laboratories, production sites (electronics, manufacturing, life sciences) and operating theatres.	Permanently Static Dissipative Connection between tiles through conductive adhesive and connected to earth through copper strip. Also available in Signal colours. Application areas Places where dissipative flooring is required: new build laboratories, cleanrooms, production sites (electronics, manufacturing, life sciences) server rooms, data centres and operating theatres.

COLOREX PLUS | COLOREX BASIC PLUS | COLOREX PLUS R10 EXPLAINED

The Colorex brand represents the best known static control flooring in the market. The homogeneous pressed tile offers high quality and consistent performance.

Colorex offers Electro-Conductive (EC) properties for the lifetime of the product as well as ultra-low emissions, exceptional stain and chemical resistance and high hygiene levels making it suitable for specialist environments such as operating theatres, laboratories and ISO standard cleanrooms down to level 2.

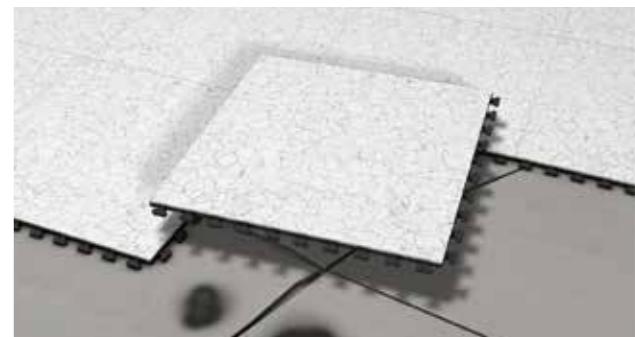
Colorex Plus is a unique, adhesive free, modular product which is ideally suited for use in renovation projects and can be installed on porous sub floors.

COLOREX PLUS EC	COLOREX PLUS R10	COLOREX PLUS BASIC
Permanently conductive Colorex plus EC is a heavy duty adhesive free system. It is permanently conductive via the connection between tiles through the dovetail system and connected to earth with a copper strip. Colorex plus EC performs regardless of the humidity level of the area. Compliant with IEC 61340-4-5 with appropriate ESD shoes.	Antistatic Colorex plus R10 is a heavy duty adhesive free floor system with a textured surface for enhanced slip resistance (R10). The surface structure improves safety when there is a risk of contamination of the floor, for example through powder or water spillage.	Antistatic Colorex plus basic is a heavy duty adhesive free floor system, which provides excellent chemical resistance. The floor can also be repaired in case of heavy damage.
Application areas Renovation of ESD facilities, cleanrooms, pharmaceutical laboratories and production sites. Suitable when down time, damp floors or poor subfloors are an issue.	Application areas Production sites (electronics, manufacturing, life sciences).	Application areas Shops, stores, warehouses. Areas with high traffic needing daily intensive cleaning. Suitable when down time, damp floors or poor sub floors are an issue.

The Colorex plus collection is complemented with a R10 enhanced slip resistance option that can be used in conjunction with all other types of Colorex plus tiles for areas of heavy duty usage. A range of specially developed ramps and skirtings are available for use with Colorex plus to provide a complete installation solution.

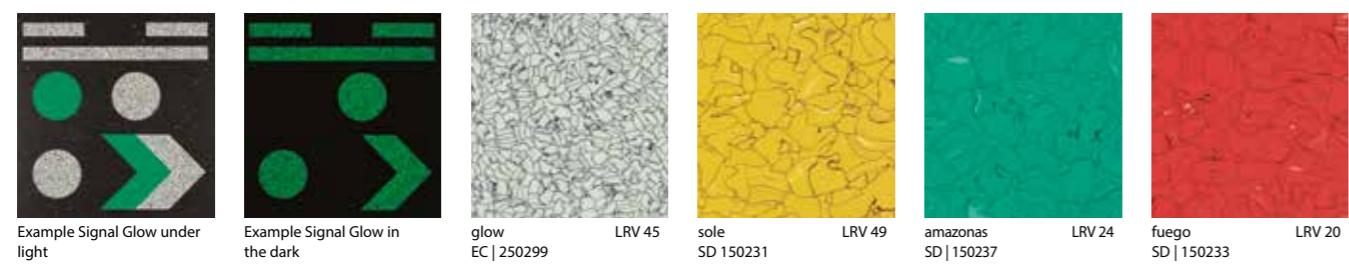
The invisible dovetail backing construction on the Colorex Plus items ensures a strong and stable connection which smoothly seals the floor surface. The moisture control honeycomb backing system prevents build-up of mould and bacteria, keeping the subfloor dry. Ideal for use in areas where subfloor quality can be an issue, or quick installation is required.

For full range details and technical specifications for all our Colorex Plus options, please visit www.forbo-flooring.co.uk/colorex





colorex® signal



Technical specifications

Colorex meets the requirements of EN ISO 10581 and ASTM 1700

	Colorex SD	Colorex EC	Colorex plus EC	Colorex plus basic	Colorex plus R10
 Binder content	EN ISO 10581	type 1	type 1	type 1	type 1
 Total thickness	EN ISO 24346	2.0 mm / 3.0 mm*	2.0 mm / 3.0 mm*	10.3 mm	10.3 mm
 Commercial use	EN ISO 10874	34 very heavy	34 very heavy	34 very heavy	34 very heavy
 Light industrial use	EN ISO 10874	43 heavy	43 heavy	43 heavy	43 heavy
 Tile size	EN ISO 24342	615 x 615 mm 615 x 1230 mm*	615 x 615 mm 615 x 1230 mm*	607 x 607 mm	607 x 607 mm
 Total weight	EN ISO 23997	3.2 kg/m²	3.2 kg/m²	12.0 kg/m²	12.0 kg/m²
 Electrostatic (general requirements)	IEC 61340-5-1	Compliant	Compliant	Compliant	n.a.
 Electrical resistance	IEC 61340-4-1 ESD STM7.1	$1 \times 10^6 \leq R \leq 10^8 \Omega$	$5 \times 10^4 \leq R \leq 10^6 \Omega$	$2.5 \times 10^4 \leq R \leq 10^6 \Omega$	n.a.
 Electrical resistance in combination with ESD control footwear	IEC 61340-4-5 ESD STM97.1	$R \leq 1 \times 10^6 \Omega$	$R < 3.5 \times 10^7 \Omega$	$R < 3.5 \times 10^7 \Omega$	n.a.
 Body voltage generation, in combination with ESD control footwear	IEC 61340-4-5 ESD STM97.2 <i>Typical value</i>	$< 100 V$ $\sim 40 V$	$< 100 V$ $\sim 20 V$	$< 100 V$ $\sim 20 V$	$< 2 kV$ n.a.
 Dimensional stability	ISO 23999	$\leq 0.05\%$	$\leq 0.05\%$	$\leq 0.25\%$	$\leq 0.25\%$
 Residual Indentation	EN ISO 24343-1 <i>Typical value</i>	$\leq 0.10 \text{ mm}$ $\sim 0.02 \text{ mm}$	$\leq 0.10 \text{ mm}$ $\sim 0.02 \text{ mm}$	$\leq 0.10 \text{ mm}$ $\sim 0.05 \text{ mm}$	$\leq 0.10 \text{ mm}$ $\sim 0.07 \text{ mm}$
 Resistance to loads	Powered pallet truck and forklifts: total weight up to 2.5 ton with hard wheels and up to 5 ton with air tyres. Static loads: 50 kg/cm² - dynamic loads: 90 kg/cm² (performance may vary, subject to local conditions)				
 Castor chair continuous use	ISO 4918	pass	pass	pass	pass
 Impact sound reduction	EN ISO 140-8	2 dB	2 dB	12 dB	12 dB
 Light fastness	EN ISO 105-B02	≥ 6	≥ 6	≥ 6	n.a.
 Resistance to chemicals	EN ISO 26787	Excellent	Excellent	Excellent	Excellent
 Slip resistance	DIN 51130	R9	R9	R9	R10
 Bacteria resistance	ISO 846	Pass	Pass	Pass	n.a.
 Thermal dilatation coefficient		0.07 mm/m°C	0.07 mm/m°C	0.07 mm/m°C	0.07 mm/m°C
 Outgassing	IDEMA M11-99	total < 1 $\mu\text{g}/\text{cm}^2$	total < 1 $\mu\text{g}/\text{cm}^2$	total < 2 $\mu\text{g}/\text{cm}^2$	total < 2 $\mu\text{g}/\text{cm}^2$
 Indoor air emissions: TVOC after 28 days	EN 16516	$\leq 0.025 \text{ mg}/\text{m}^3$			
 Cleanroom particle emission	ISO 14644-1	ISO 4	ISO 2	ISO 2	ISO 4
 Creating better environments	Colorex SD and Colorex EC are manufactured using 100% electricity from renewable sources				
 Renewable electricity	Colorex Plus contains up to 95% recycled content in the backing				
 EN 14041	CE	0201083-DoP-003	EN 14041	CE	0201083-DoP-003
All Colorex products meet the requirements of EN 14041			EN 14041	CE	0201082-DoP-003
 Reaction to fire**	EN 13501-1	B _n -s1, G, CS	B _n -s1, G, CS	B _n -s1, L, CS	B _n -s1, L, CS
 Slip resistance	EN 13893	$\mu \geq 0.30$	$\mu \geq 0.30$	$\mu \geq 0.30$	$\mu \geq 0.30$
 Thermal conductivity	EN 12524	0.25 W/(m·K)	0.25 W/(m·K)	0.25 W/(m·K)	0.25 W/(m·K)
 Body Voltage	EN 1815	$\leq 2 \text{ kV}$			
 Electrical behaviour – static dissipative	EN 1081	$\leq 1 \times 10^9 \Omega$	n.a.	n.a.	n.a.
 Electrical behaviour – conductive	EN 1081	n.a.	$\leq 1 \times 10^6 \Omega$	$\leq 1 \times 10^6 \Omega$	n.a.
 EN 14041	CE	0201070-DoP-003	EN 14041	CE	0201070-DoP-003

* Available on request

** Product also tested to ASTM. Fire ASTM E648: class 1, Smoke ASTM 662: pass

Our recommended adhesive for Colorex is 641 Eurostar Special EL.

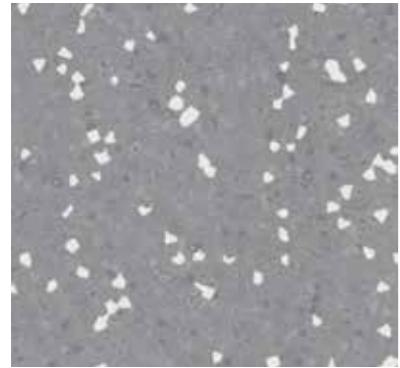
Full technical specifications are available at www.forbo-flooring.co.uk/downloads

Please note: Digital representations may vary from the actual product.

Please order a sample to see the full effect. Contact 0800 731 2369.

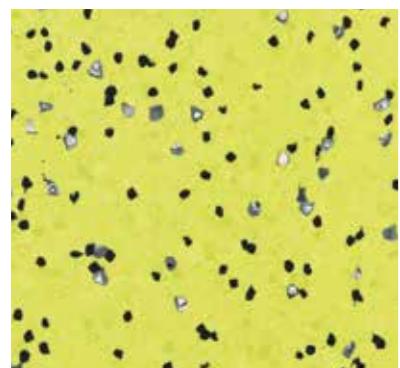
Sphera SD | EC is Forbo's homogeneous vinyl collection with conductive properties in sheet format. Offering the best solution for sensitive areas where a durable floor is required, providing permanent ESD control and ensuring the highest hygienic properties.

The collection is specifically designed to control static discharges and particle emission in the most sensitive environments, such as pharmaceutical, MedTech and healthcare facilities.



sphera® SD

The white chips in Sphera SD are the functional, dissipative particles in this floor covering. They have permanent ESD properties and do not rely on the relative humidity of the indoor environment.



sphera® EC

The solid black chips in Sphera EC are the functional, conductive particles which ensures the permanent conductive properties in this floor covering.

WHY CHOOSE SPHERA SD | EC?

Permanent conductive (EC) or dissipative (SD) properties which comply with all ESD standards

Sphera SD | EC complies with all relevant ESD standards for flooring, as described in IEC 61340-5-1 and ANSI/ESD S20.20.

No need for conductive adhesive underneath the full sheet, only to affix the copper strip

The conductive (black) backing on Sphera SD | EC reduces installation costs and risks of installation errors.

Guaranteed performance regardless the humidity level of the area

Many SD products on the market are based on additives, which only function with relative humidity (RH) levels above 40%. Sphera SD is designed with a dissipative material which is proven to be a permanent solution, even as low as 12% RH. Carbon based EC products are not dependent on humidity to function.

The sheet format of Sphera SD | EC ensures the highest hygienic properties

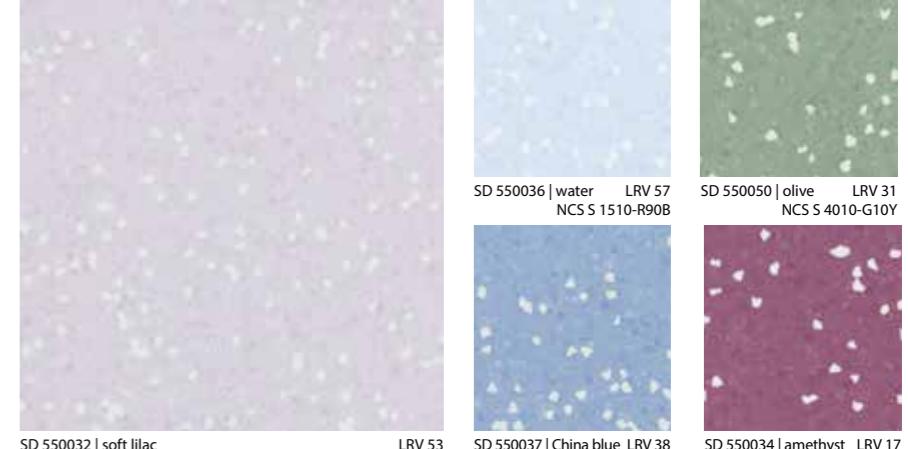
In combination with market leading dimensional stability ($\leq 0.20\%$) seams stay hygienic and stable over time.

Sphera EC | SD contains extremely low TVOC and particle emissions

TVOC emissions are $\leq 0.01 \text{ mg/m}^3$ which is in line, or better, than comparable products. Particle emission is ISO cleanroom class 6 for Sphera SD and ISO class 5 for Sphera EC, good enough for most application areas.

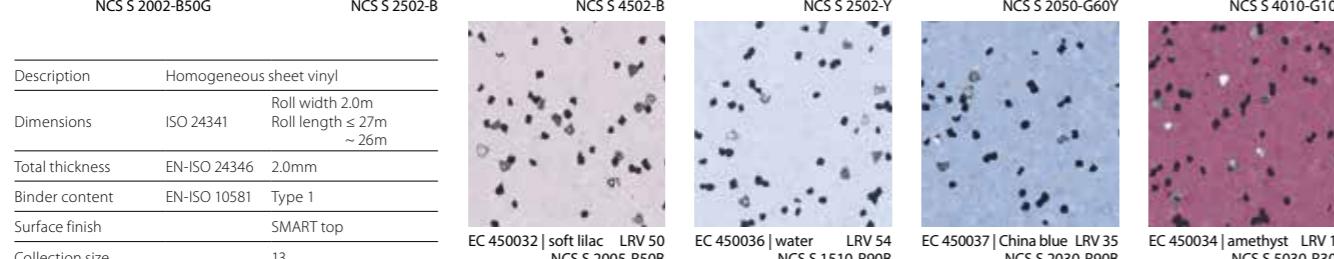
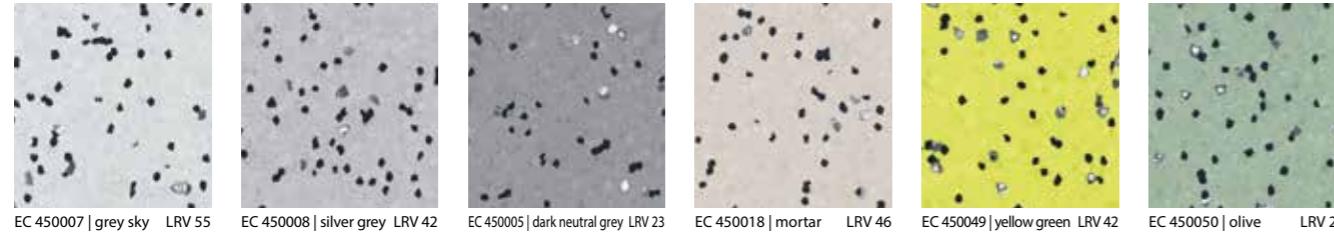
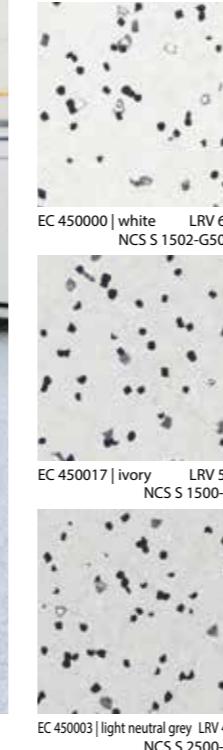


Description	Homogeneous sheet vinyl		
Dimensions	ISO 24341	Roll width 2.0m	Roll length $\leq 27\text{m}$ $\sim 26\text{m}$
Total thickness	EN-ISO 24346	2.0mm	
Binder content	EN-ISO 10581	Type 1	
Surface finish		SMART top	
Collection size		14	
Application	EN 10874	Class 43	
Dimension stability	ISO 23999	$\leq 0.4\%$ $\sim 0.2\%$	
Reaction to fire	EN 13501-1	B _r -s1, G, NCS	
Slip resistance	EN 13893	$\mu \geq 0.30$	
Thermal conductivity	EN 12524	0.25 W/m·K	
Body voltage	EN 1815	$\leq 2 \text{ kV}$	
Electrical behaviour – static dissipative	EN 1081	$1 \times 10^6 \leq R \leq 10^8 \Omega$	
Electrical behaviour – conductive	EN 1081	N/A	



BREEAM generic ratings					
Sphera – Homogeneous Floor Covering (EN649)					
Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)
A	A+	A+	A	A+	A+

Our recommended adhesive is Eurostar Special. When fitting the copper tape, our recommended adhesive is 641 Eurostar Special EL. Full technical specifications are available at www.forbo-flooring.co.uk/downloads. Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

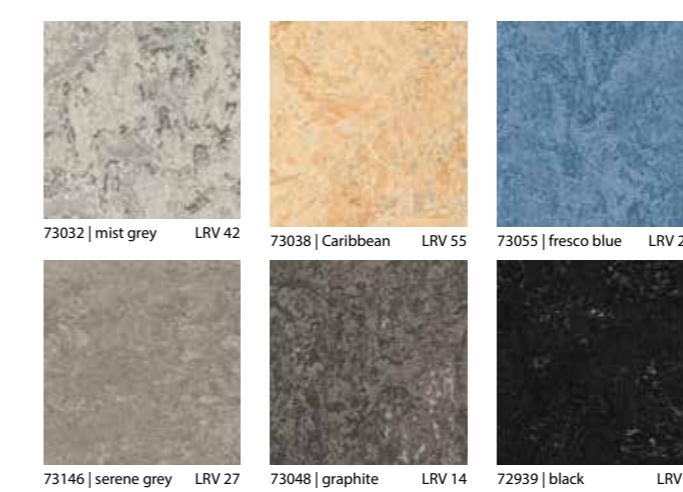
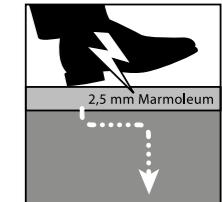


Description	Homogeneous sheet vinyl	
Dimensions	ISO 24341	Roll width 2.0m Roll length ≤ 27m ~ 26m
Total thickness	EN-ISO 24346	2.0mm
Binder content	EN-ISO 10581	Type 1
Surface finish	SMART top	
Collection size	13	
Application	EN 10874	Class 43
Dimension stability	ISO 23999	≤ 0.4% ~ 0.2%
Reaction to fire	EN 13501-1	B _r -s1, G, NCS
Slip resistance	EN 13893	μ ≥ 0.30
Thermal conductivity	EN 12524	0.25 W/m-K
Body voltage	EN 1815	≤ 2 kV
Electrical behaviour - static dissipative	EN 1081	N/A
Electrical behaviour - conductive	EN 1081	$5 \times 10^4 \leq R \leq 10^6 \Omega$

marmoleum® ohmex

Ohmex Static Dissipative Linoleum meets the higher requirements for electrical conductivity.

Electrical resistance is improved to < 1-10⁸ (EN1081), ensuring personal safety and protecting equipment that is sensitive to static electricity. Marmoleum Ohmex, which is 2.5 mm thick, is available in six colours. Typical areas of use are computer/server rooms and areas with sensitive electrical equipment.



Description	Linoleum sheet
Dimensions	EN-ISO 24341
Total thickness	ISO 1765
Collection size	4
Application	EN 1307
Electrical resistance	EN 1081
CE	EN 14041
Reaction to fire	EN 13501-1
Slip resistance	EN 13893

Our recommended adhesive is 615 Eurostar Lino EL.
Full technical specifications are available at
www.forbo-flooring.co.uk/downloads

Please note: Digital representations may vary from the actual product.
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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.

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