

A modern office interior featuring a large, modular shelving unit in the background. The shelving unit is made of light-colored wood and has various items on it, including books, plants, and decorative objects. In the foreground, there are two black bar stools and a blue armchair. The floor is covered with a blue and white geometric patterned carpet. The ceiling has exposed pipes and modern lighting fixtures. Two people are standing near the shelving unit in the background.

tessera[®] layout & outline

creating better environments

forbo

FLOORING SYSTEMS

Combinations of Outline and Layout allow complete freedom of expression, creating connections, highlights and transitions. The dynamic colour palette can be used independently or in combination to achieve a myriad of interior styles enhancing any scheme.

Tessera Layout & Outline can be co-ordinated with other Forbo products to add elements of colour, interest and value to any space.

- Available in 32 modern colourways **Layout** offers an exceptionally diverse palette
- A contemporary 2 colour striped pattern, **Outline** combines flexibility with design over 8 engaging colourways
- 100% solution dyed polyamide 6
- Meets Ska rating criteria for M12 soft floor coverings
- Contains over 61% recycled content by weight



61% recycled
content by
weight



level loop
construction



50cm x 50cm
carpet tile



25cm x 100cm
carpet plank







2116 | kryptonine

3106 | fruitsalad



2116 | kryptonine

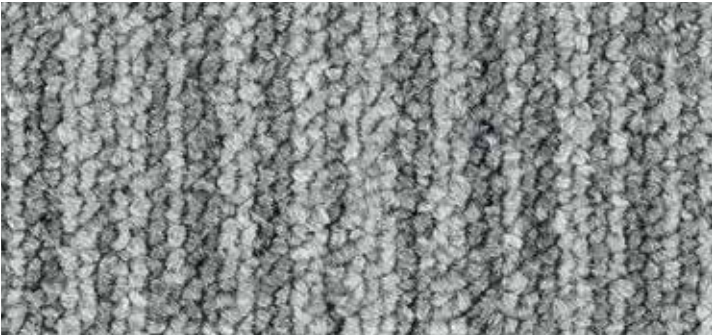


3106 | fruitsalad

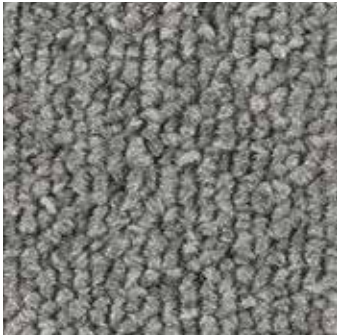




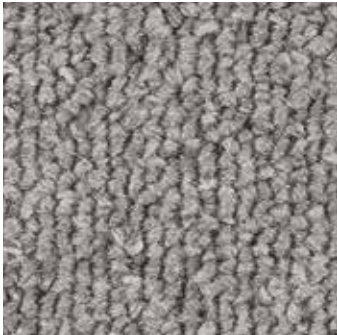
Layout & Outline colour options



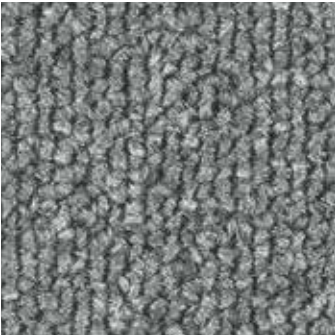
3102 | soda •• LRV 21



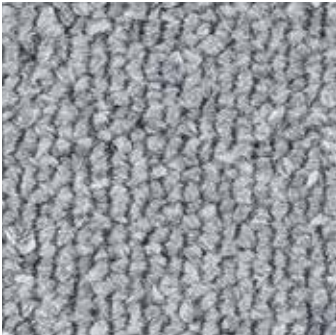
2109 | shard • LRV 17



2113 | nougat • LRV 22



2108 | calcium •• LRV 13



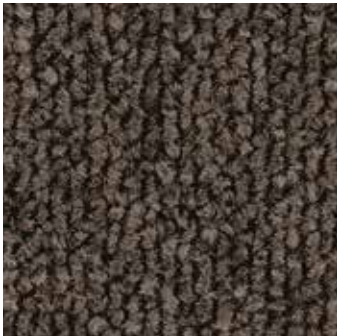
2112 | frosting •• LRV 28



3101 | colabottle •• LRV 9



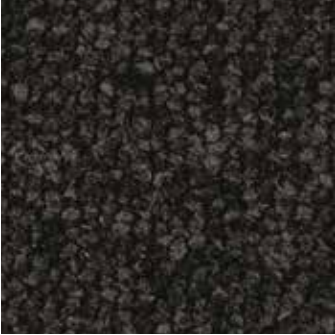
3100 | plasmatron •• LRV 6



2103 | balsamic •• LRV 13



2107 | brulee •• LRV 7



2100 | mono •• LRV 4



2104 | alloy •• LRV 9



2101 | graphine • LRV 5



2105 | aniseed • LRV 9

- available in 50cm x 50cm tile
- available in 50cm x 50cm tile and 25cm x 100cm plank

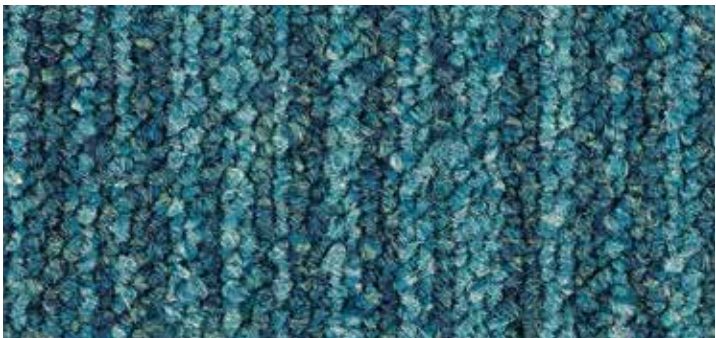
Layout & Outline colour options



2102 | brownie • LRV 8



2106 | humbug • LRV 14



3103 | ripple • LRV 10



3104 | souffle • LRV 17



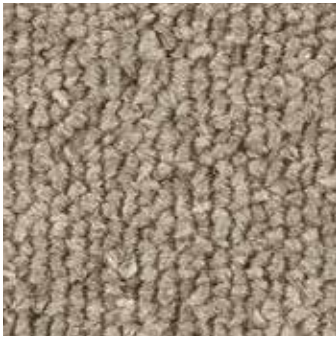
2125 | tonic • LRV 15



2117 | surf • LRV 7



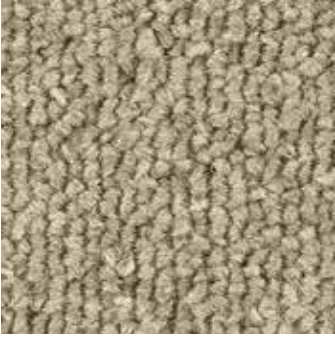
2110 | fudge • LRV 21



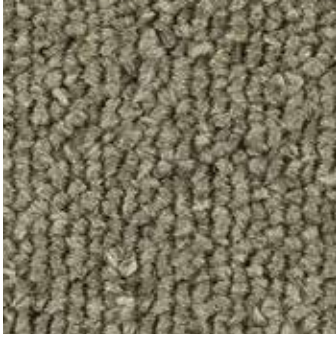
2114 | powder • LRV 24



3105 | macaroon • LRV 17



2115 | sherbert • LRV 27



2111 | gherkin • LRV 14



2124 | pinacolada • LRV 20



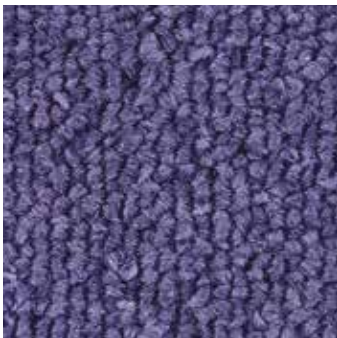
2128 | custard • LRV 31

- available in 50cm x 50cm tile
- available in 50cm x 50cm tile and 25cm x 100cm plank

Layout & Outline colour options



2121 | bubble • LRV 14



2126 | purpleplexed • LRV 8



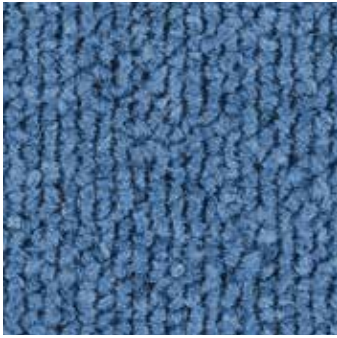
2118 | oceanis •• LRV 5



2122 | drench •• LRV 7



2129 | menthe •• LRV 16



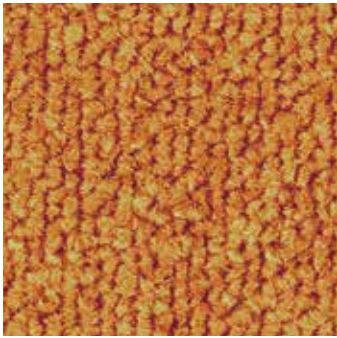
2130 | icepop •• LRV 12



3107 | bubblegum •• LRV 6



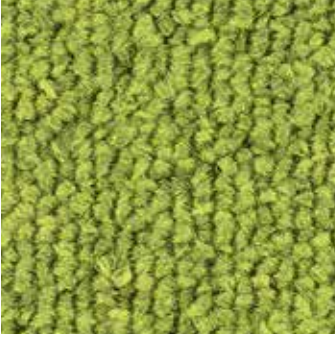
3106 | fruitsalad • LRV 14



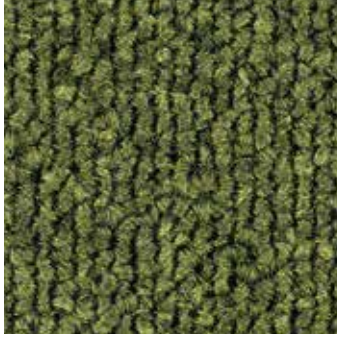
2131 | mango •• LRV 18



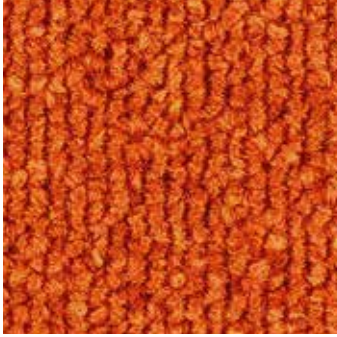
2123 | candy •• LRV 23



2120 | apple •• LRV 20



2116 | kryptonine • LRV 9



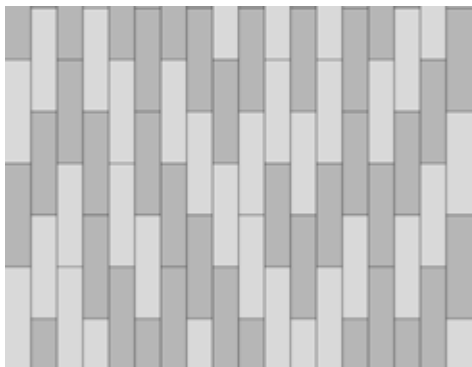
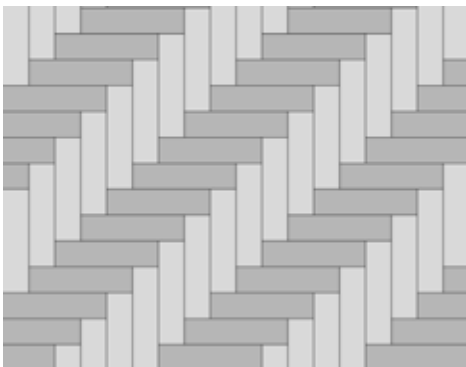
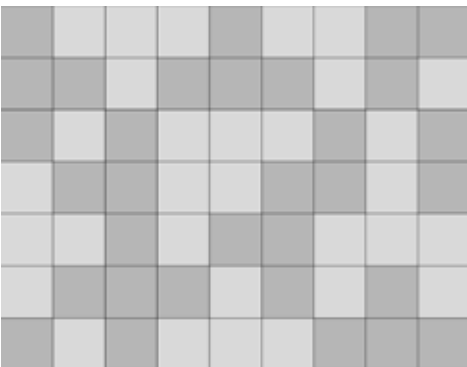
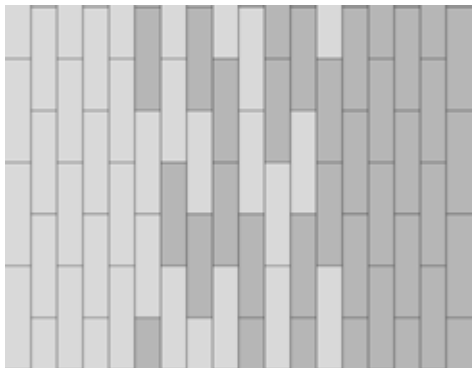
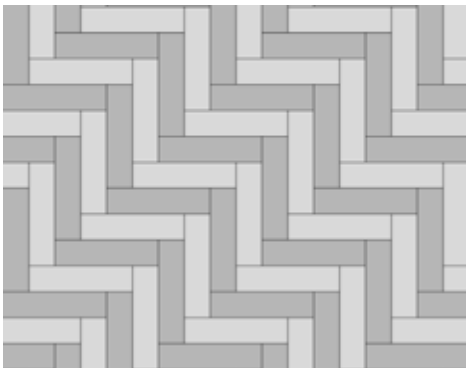
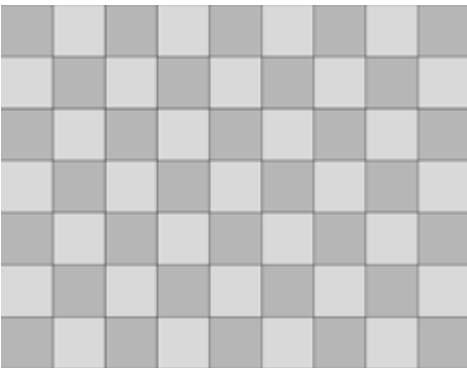
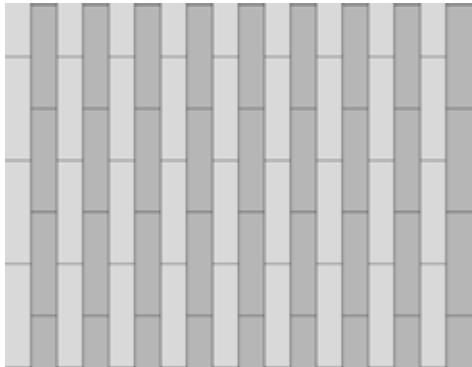
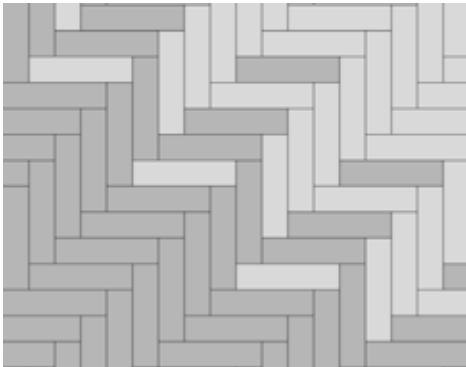
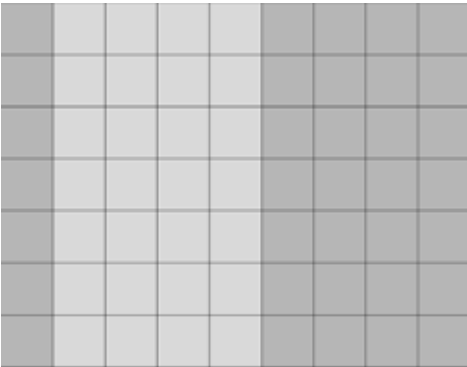
2127 | flambe • LRV 13



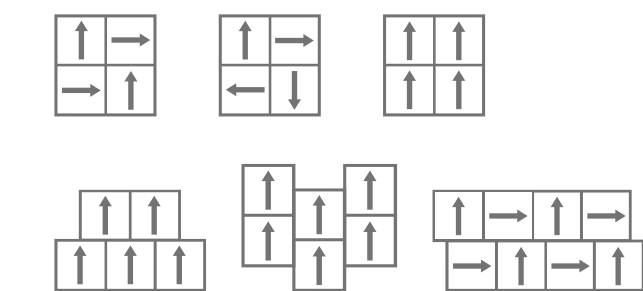
2119 | maraschino •• LRV 7

- available in 50cm x 50cm tile
- available in 50cm x 50cm tile and 25cm x 100cm plank

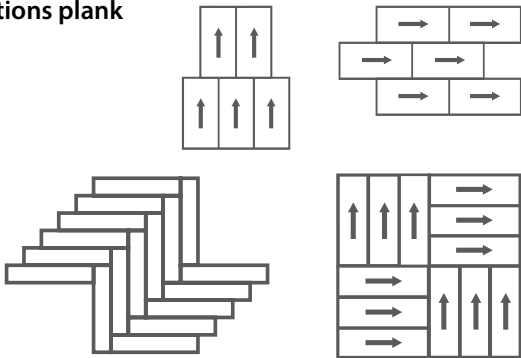
Layout & Outline installation ideas



fitting options tile



fitting options plank



Forbo Environmental Data Sheet

Product name	Tessera Layout and Outline/planks
Product description	Tessera Layout and Outline features a palette of solid colours (Layout) with co-ordinated stripes (Outline). Layout and Outline are manufactured with 100% solution dyed yarn for superior colour fastness. Layout and Outline comply with all requirements of EN1307: Textile Floor Coverings – Classification of Pile Carpets.
Manufacturing location	Bamber Bridge, United Kingdom
Site accreditation	ISO14001, ISO 9001, ISO 45001, SA8000®



Our footprint – how it’s made

Environmental data	
Total recycled content of product by weight	61%
Post industrial recycled content	61%
% renewable electricity & biogas used	100%

Independent assessment and rating	
ISO 9001 Quality Management System	
ISO 14001 Environmental Management System	
ISO 45001 Occupational Health and Safety Management	
Layout and Outline are made in an SA8000® certified facility	
	

Carbon footprint		
Estimated carbon footprint using data from Environmental product declaration according to ISO 14025	Raw materials and production	11.3 kg CO ₂ eq/m ²
	Use (1 year)	0.804 kg CO ₂ eq/m ²

Your footsteps – how it performs

Health and well being	
Air quality CHPS 01350 AgBB/DiBt	Tessera products comply to 01350 Indoor Air Quality Standard Pass

Impact sound reduction	27 dB
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Installation	
Recommended adhesives	Carpet tiles must be adhered using an all over tackifier adhesive system: Forbo Eurocol 542 Eurofix Tack Plus, a solvent free release system, is recommended. Where periphery tiles are not constrained by fixtures e.g. walls, edge strips etc, it is recommended that such tiles are adhered using a permanent adhesive; Forbo Eurocol 640 Eurostar Special, again a solvent free adhesive is recommended. Adhesives must be applied according to the manufacturer's instructions and it is essential that tackifier adhesives are allowed to dry to a tacky finish before laying the carpet tile. Failure to do so could result in a permanent non-release bond. Where contribution to credits for BREEAM sections HEA2 and HEA9 are required then low emission adhesive Eurocol 542 tack plus should be used. If a permanent bond is required, please use Eurocol 640 Eurostar special.

Forbo Environmental Data Sheet – continued

Maintenance

Appropriate care and maintenance is essential to longevity and appearance retention and is necessary to maintain product warranties. Refer to the clean and care instructions available from Forbo Flooring Systems.

All Tessera products are suitable for cleaning using the Dry Fusion technique. Dry Fusion uses 95% less water than the normal system of cleaning, produces no waste product, uses non-hazardous and biodegradable cleaning solutions and all packaging and materials within the Dry Fusion System can be recycled.

End of life

Products suitable for reuse, recycling, downcycling and waste to energy. Forbo Flooring Systems works with recycling companies to clean, reuse and recycle used carpet tiles in the UK.

Contribution to Green Building Schemes

BREEAM 2014

BREEAM ratings	Building Type					
	Office	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)
	A	A	A	A	A	A+

BREEAM 2018

Compliant through declaration number 4788603145.127.1 Valid until November 2023

LEED (version 4)

Potential direct or indirect contribution to following categories and credits:	Materials and Resources	
		Building product disclosure and optimisation - sourcing of raw materials - up to 1 point
		Construction and demolition waste management up to 2 points
	Indoor environmental quality	Low emitting materials up to 3 points
		Acoustic performance up to 1 point

Forbo design principles (Reduce, Recycle, Reuse, Renew)

Reduce	Investment in an extruder has reduced our bitumen usage by 50%.
Reuse	Yarn ends are rewound and used in the production of new Tessera Carpet tiles. All Tessera samples can be returned allowing them to be reused or recycled, reducing the need for virgin materials.
Recycle	Yarns, backing cloth, fillers and latex all contain recycled materials. All tufted Tessera carpet tiles contain at least 56% recycled content by weight.
Renew	All Tessera carpet tiles manufactured at Bamber Bridge are made with 100% renewable forms of energy (renewable electricity & biogas).

visit www.forbo-flooring.co.uk/downloads for more information

Technical specification

Tessera Layout & Outline carpet tiles meet the requirements of EN 1307

		Layout & Outline tiles	Layout & Outline planks
Description		Tufted low loop pile carpet tiles	Tufted low loop pile carpet tile planks
	Dimensions	50cm x 50cm	100cm x 25cm
	Total thickness	5.8mm ± 10%	5.8mm ± 10%
	Pile height	2.9mm ± 0.5mm	2.9mm ± 0.5mm
	Collection size	Layout tiles 32 colourways. 5m ² per box Outline tiles 8 colourways. 5m ² per box	Layout planks 14 colourways. 4.5m ² per box Outline planks 4 colourways. 4.5m ² per box
	Commercial use	EN ISO 10874	Class 33, suitable for any type of heavy contract application
	Pile composition	100% polyamide 6	100% polyamide 6
	Dye method	100% solution dyed	100% solution dyed
	Stitch density	193,060 per m ² ± 10%	193,060 per m ² ± 10%
	Pile weight	580gsm ± 10%	580gsm ± 10%
	Total weight	3,895gsm ± 10%	3,895gsm ± 10%
	Primary backing	Polyester/Nylon	Polyester/Nylon
	Secondary backing	ProBac recycled mineral filler with low amount of modified bitumen and polyester fleece. Contains over 76% recycled content.	
	Acoustic	ISO 10140-3	Impact sound ΔL _w = 27 dB
		ISO 354	Sound absorption = 0.15
	Castor chair use	ISO 4918	r ≥ 2.4 continuous use
	Light fastness	EN ISO 105-B02	≥ 6
	Dimensional stability	EN 986	≤ 0.2 %
	Creating Better Environments		
	Renewable Energy	All Tessera carpet tiles are manufactured using 100% renewable energy (electricity & biogas)	
	Recycled Content	Layout & Outline carpet tiles contain 61% recycled content by weight	
	Indoor air quality	Layout & Outline carpet tiles and planks products comply to 01350 Indoor Air Quality Standard	
	Back to the Floor	Installation off cuts can be collected via Back to the Floor	
	Ska rating	Layout & Outline meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes	
	Prodis-GUT	www.pro-dis.info	2C31F4FE
	Installation method	Layout: Monolithic, quarter turn, tessellated, brick or quarter brick Outline: Quarter turn, tessellated, brick or quarter brick	Layout: Monolithic, brick, half-drop, weave or herringbone Outline: Brick, half-drop, weave or herringbone

Layout & Outline carpet tiles meet the requirements of EN 14041

	Product code	EN 14041	1170100-DoP-101	1170100-DoP-101
	Reaction to fire	EN 13501-1	B _{fl} -s1, L, NCS	B _{fl} -s1, L, NCS
	Slip resistance	EN 13893	μ ≥ 0.30	μ ≥ 0.30
	Body voltage	ISO 6356	< 2.0kV	< 2.0kV
	Thermal resistance	ISO 8302	0.079 m ² .K/W	0.079 m ² .K/W

All Forbo Flooring Systems' sales organisations and manufacturing sites worldwide have certified Quality Management Systems in accordance with ISO 9001.
All Forbo Flooring Systems' manufacturing plants have certified Environmental Management Systems in accordance with ISO 14001.
Tessera Layout & Outline is manufactured in a facility certified to SA8000® and ISO 45001.

Contact us



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, flocced and entrance flooring products combine functionality, colour and design, offering total flooring solutions for any indoor environment.

Whilst Forbo Flooring UK Limited does its best to ensure that the contents of this brochure are correct and accurate at the time of publication, to the fullest extent permitted by law, Forbo Flooring UK Limited makes no, and expressly disclaims all, guarantees of any kind, express or implied in respect of the information, content, materials or products displayed in this brochure and does not represent that the information is accurate, complete or current and you are advised to visit our website at www.forbo-flooring.co.uk for up-to-date details or corrections to such contents.

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Samples can be ordered over the phone,
by calling **0800 731 2369**
(Mon - Fri, 8.30am - 5.00pm)

Samples can be ordered 24/7 by visiting
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or by emailing samples.uk@forbo.com

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