

A photograph of a modern interior space, likely a lobby or atrium. The room features large windows that offer a view of a courtyard with manicured hedges and trees. A long, low wooden bench is positioned near the windows. A large, cylindrical concrete pillar stands in the center. In the foreground, a potted plant with green foliage sits in a black pot. The floor is covered in a dark, textured carpet with a subtle pattern.

tessera® cloudscape

creating better environments



FLOORING SYSTEMS

In today's crowded urban environment we often risk losing touch with nature, our only connection being the sky above us. The constantly changing vista of cloud formations and the rich spectrum of light and colour provide a bridge to the outside helping us to re-connect.

- Available in 16 natural colourways, Tessera Cloudscape offers a tonal progression of colours ranging from very dark to very pale, ideal for a wide range of applications and LRV requirements.
- Can be laid non-directional or monolithic
- Meets Ska rating criteria for M12 soft floor coverings
- Contains 61% recycled content by weight



61% recycled
content by
weight



textured loop
construction for
structure and pattern



50cm x 50cm
carpet tile



3401 | light airs

3402 | ocean winds



3407 | april shower



3408 | grey dawn
3405 | sunset sky



3415 | gulf stream



Cloudscape can be co-ordinated with Layout, Outline and Inline through a shared yarn system, or mixed with any other Tessera carpet tile, Allura Flex or Allura Ease.

3401 | light airs
3102 | outline soda



3401 | light airs
3102 | outline soda
2112 | layout frosting

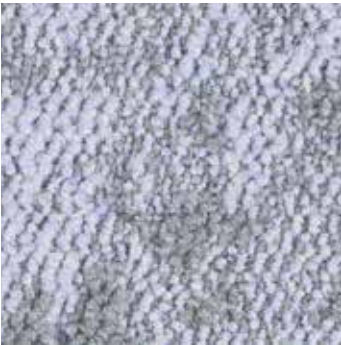


Cloudscape Merge transition tiles

3401 | light airs
3413 | monsoon cloud



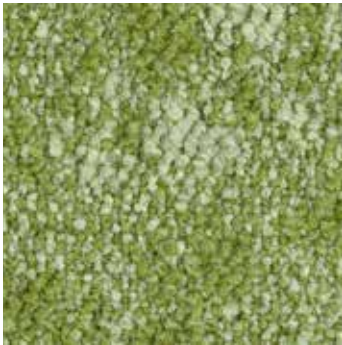
Cloudscape colour options



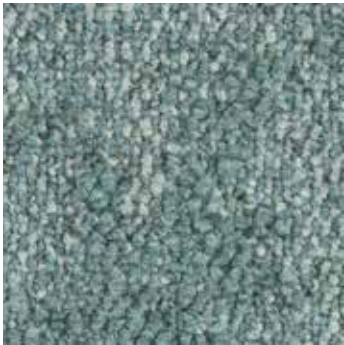
3409 | dawn chorus LRV 18



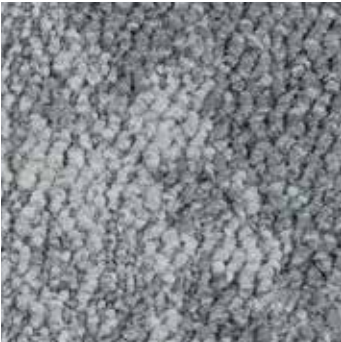
3405 | sunset sky LRV 17



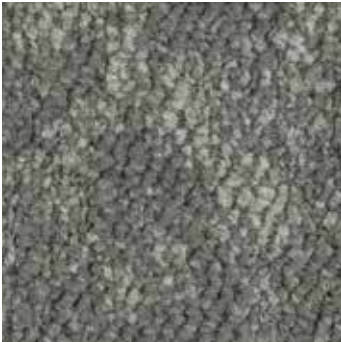
3413 | monsoon cloud LRV 13



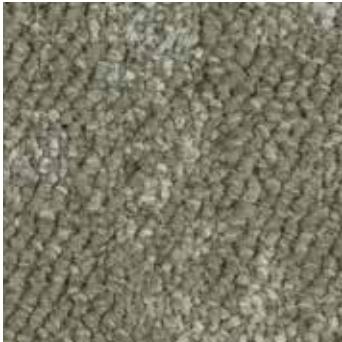
3402 | ocean winds LRV 17



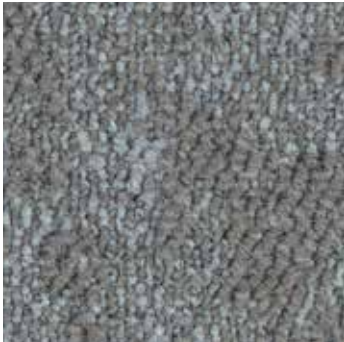
3401 | light airs LRV 19



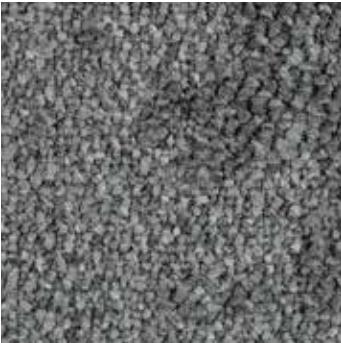
3408 | grey dawn LRV 13



3412 | summer storm LRV 15



3407 | april shower LRV 12



3400 | nimbus grey LRV 6



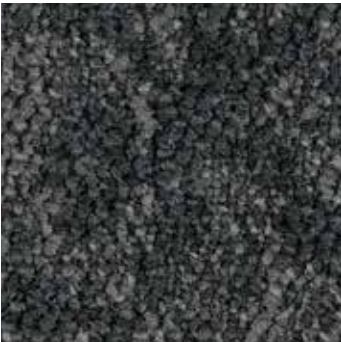
3411 | cirrus sky LRV 10



3415 | gulf stream LRV 15



3404 | cumulus blue LRV 11



3403 | thunderbolt LRV 6



3410 | stormy weather LRV 8

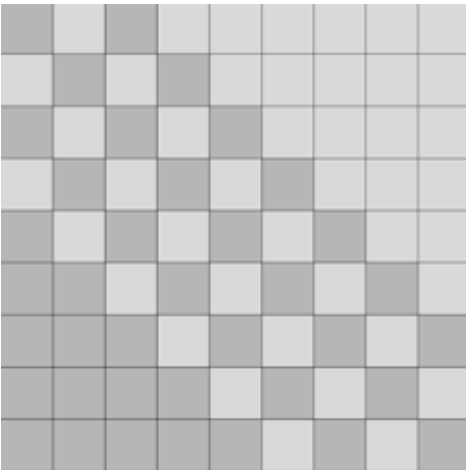
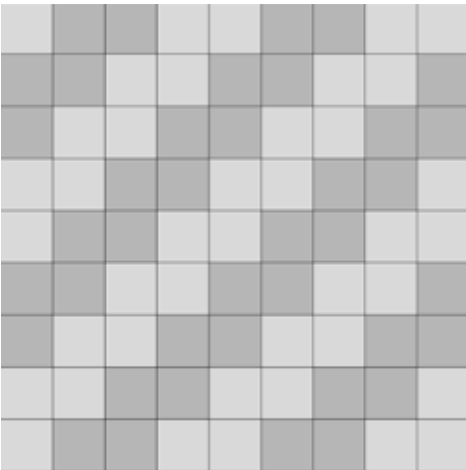
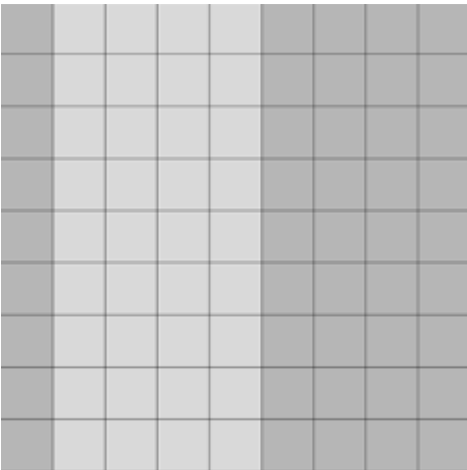
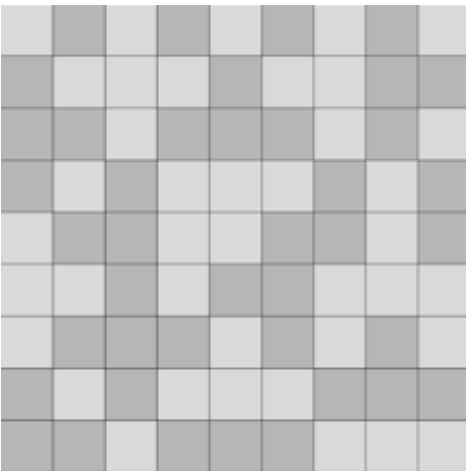
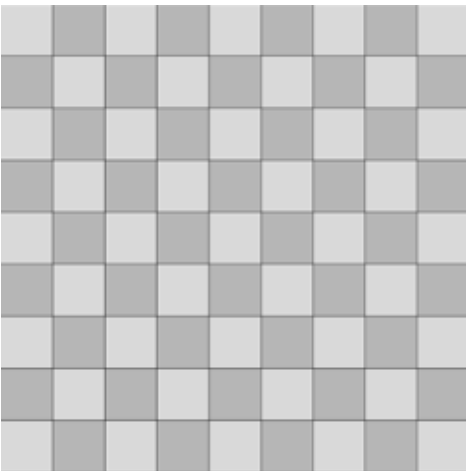
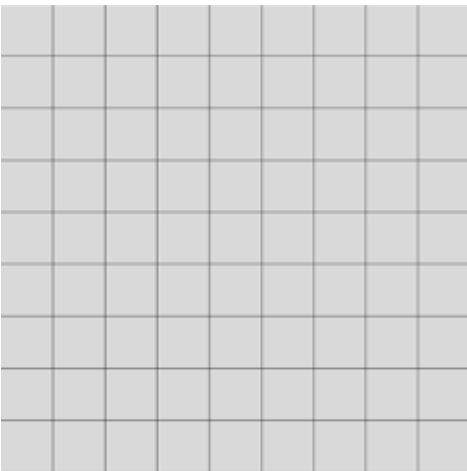


3414 | mistral gale LRV 8

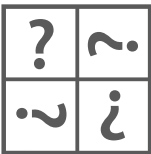


3406 | sirocco blue LRV 7

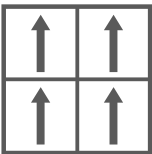
Cloudscape installation ideas



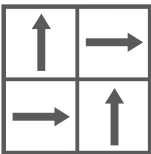
Cloudscape fitting options



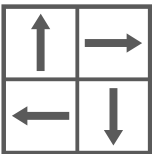
random



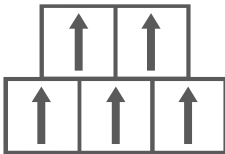
monolithic



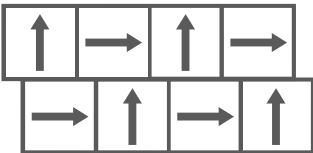
quarter turn



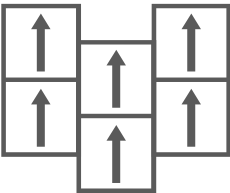
tessellated



brick



brick quarter turn



1/2 drop





Forbo Environmental Data Sheet

Product name	Tessera Cloudscape
Product description	Tessera Cloudscape features organic texture and is produced with premium polyamide 6. Cloudscape complies 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	
Cloudscape is 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	12.9 kg CO ₂ eq/m ²
	Use (1 year)	0.804 kg CO ₂ eq/m ²

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

Impact sound reduction	26 dB
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Installation	
Recommended adhesives	<p>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.</p> <p>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.</p> <p>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.</p>

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 old 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	B	A	A+

BREEAM 2018

Compliant through declaration number 4788603145.126.1 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 made in the UK 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 Cloudscape carpet tiles meet the requirements of EN 1307

Description		Tufted multi-pile height loop pile carpet tile	
	Dimensions	EN 994	50cm x 50cm
	Total thickness	ISO 1765	7.2mm ± 10%
	Pile height	ISO 1766	4.4mm +15% -10%
	Collection size	16 colourways. 4m² per box	
	Commercial use	EN ISO 10874	Class 33, Suitable for any type of heavy contract application
	Pile composition	100% polyamide 6	
	Dye method	100% solution dyed	
	Stitch density	ISO 1763	217,267 per m² ± 10%
	Pile weight	ISO 8543	665gsm ± 10%
	Total weight	ISO 8543	4,180gsm ± 10%
	Primary backing	Polyester	
	Secondary backing	ProBac recycled mineral filler with low amount of modified bitumen, and polyester fleece. Contains over 76% recycled content.	
	Acoustic	ISO 717-2	Impact sound $\Delta L_w = 26$ dB
		ISO 354	Sound absorption = 0.15
	Castor chair use	ISO 4918	$r \geq 2.4$ continuous use
	Light fastness	EN ISO 105-B02	≥ 5
	Dimensional stability	EN 986	≤ 0.2 %
	Creating Better Environments		
	Renewable Energy	All Tessera tufted carpet tiles are manufactured using 100% renewable energy (electricity & biogas)	
	Recycled Content	Cloudscape carpet tiles contain 61% recycled content by weight	
	Indoor Air Quality	Cloudscape carpet tiles comply to 01350 Indoor Air Quality Standard	
	Back to the Floor	Installation off cuts can be collected via Back to the Floor	
	Ska Rating	Cloudscape meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes	
	Prodis-GUT	www.pro-dis.info	EC55D92C
	Installation method	Non-directional or monolithic	

Cloudscape carpet tiles meet the requirements of EN 14041

	Product code	EN 14041	1170100-DoP-101
	Reaction to fire	EN 13501-1	B _{f1} -s1, L, NCS
	Slip resistance	EN 13893	$\mu \geq 0.30$
	Body voltage	ISO 6356	< 2 kV
	Thermal resistance	EN 12667	0.08 m².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 Cloudscape 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, flocked and entrance flooring products combine functionality, colour and design, offering total flooring solutions for any indoor environment.

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UK

Forbo Flooring UK Limited
High Holborn Road
Ripley
Derbyshire DE5 3NT
Email: info.flooring.uk@forbo.com

London EC1 showroom

79 St John Street, Clerkenwell
London EC1M 4NR
Tel: 0207 553 9300
Email: ec1@forbo.com

For commercial enquiries:

If calling from the North,
London & South East
Tel: 0800 0282 162
bcs.flooring.uk@forbo.com

If calling from Scotland,
Midlands & South West
Tel: 0800 0935 258
kcs.flooring.uk@forbo.com

Nuway enquiries:

Tel: 01773 740 688
efs.flooring.uk@forbo.com

Residential enquiries:

Tel: 0800 0935 846
Email: krccs.flooring.uk@forbo.com
www.forbo-flooring.co.uk



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
www.forbo-flooring.co.uk/samples
or by emailing samples.uk@forbo.com

Ireland

Forbo Ireland Ltd
2 Deansgrange Business Park
Blackrock
Co Dublin
Tel: 00353 1 2898 898
Fax: 00353 1 2898 177
Email: info.ireland@forbo.com
www.forbo-flooring.ie

Registered office:

Forbo Flooring UK Limited
High Holborn Road
Ripley
Derbyshire DE5 3NT
Registered in England 9200318