















Technical specifications




Cloudscape carpet tiles meet the requirements of EN 1307

tessera® cloudscape

Description	Tufted multi-pile height loop pile carpet tile	
 Dimensions	50cm x 50cm	
 Total thickness	7.2mm ± 10%	
Pile height	4.4mm ± 0.5mm	
 Collection size	16 colourways. 4m ² per box	
 Application	EN 1307	Class 33, Suitable for any type of heavy contract application
Pile composition	100% polyamide 6	
Dye method	100% solution dyed	
Tuft density	217,267 per m ² ± 10%	
 Pile weight	665 gsm ± 10%	
Total weight	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.	
 Castor chair use	BS EN 985	Minimum R Value: ≥ 2.4
 Light fastness	BS EN ISO 105-B02	≥ 5
 Impact sound reduction	ISO 10140-3	ΔL _w = 26 dB
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 Renewable electricity	All Tessera tufted carpet tiles are manufactured using 100% renewable energy (electricity & biogas)	
 Recycled content	Cloudscape carpet tiles contain 62% recycled content by weight	
 Indoor Air Quality	Cloudscape carpet tiles comply to 01350 Indoor Air Quality Standard	
 Guarantee	Cloudscape carpet tiles are guaranteed for 10 years under heavy contract conditions provided that they have been professionally fitted by a recognised contractor and regularly maintained in accordance with the Forbo requirements currently in force	
 Installation method	Non-directional or monolithic	

Cloudscape carpet tiles meet the requirements of EN 14041



 Reaction to fire	ISO 9239-1	CRF: >4.5kW/m ² Smk Dvlp: <750%.min
 Slip resistance	AS 4586:2013	R12
 Electrical resistance	BS ISO 10965 & EN1815	<1 x 10 ⁹ Ω: Static dissipative. Body voltage: Pass (< 2kV) Lifetime protection through the use of permanent anti-static yarn and backing



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 carpet tiles are manufactured in a facility certified to SA8000® and OHSAS 18001. The Life Cycle Assessment (LCA) of Cloudscape is documented in an Environmental Product Declaration (EPD).

Colourway choice

As with any product, colour and design influence the appearance retention of the floor. The level and type of traffic should be considered as part of the process for selecting colourways. Light colours may not be suitable for heavy traffic areas.

Installation and maintenance

Shades may vary from batch to batch and should be checked before installation. Batches should not be mixed in the same location. All Tessera products are to be installed in full accordance with Forbo installation instructions and recognised trade standards.

Our recommended adhesive for our collection of Tessera carpet tiles is Forbo's PS1 Tile Fix tackifier.

A well designed entrance flooring system will prevent dirt and moisture from being tracked into the building, prolonging the life of the carpet tiles, reducing cleaning, repair and overall maintenance costs. Forbo Coral entrance systems are independently proven to remove and retain up to 95% of all dirt and moisture entering a building. Please contact your Forbo representative or call 1800 224 471 for more information.

Regular vacuuming is essential (using a high suction power driven brush vacuum). Spills and surface stains can be removed by sponging with a damp cloth or, for more resistant stains, with a mild detergent solution. For full installation and cleaning and maintenance instructions please go to www.forbo-flooring.com.au



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