

# Technical specifications

tessera® cloudscape

Cloudscape carpet tiles meet the requirements of EN 1307

Description		Tufted multi-pile height loop carpet tile
	Dimensions	50cm x 50cm
	Total thickness	7.2mm ± 10%
	Pile height	4.4mm ± 0.5mm
	Collection size	16 colourways, 4m² 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 m² ± 10%
	Pile weight	665 gsm ± 10%
	Total weight	4,180 gsm ± 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 <sub>w</sub> = 26 dB
	Creating Better Environments Renewable Energy	All Tessera 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
	Back to the Floor	Installation off cuts can be collected via Back to the Floor
	Ska	Cloudscape meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes
	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

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EN 14041

	Reaction to fire	EN 13501-1	B <sub>fl</sub> -s1
	Slip resistance	EN 13893	DS: ≥0.30
	Electrical resistance	BS ISO 10965 & EN1815	<1 x 10 <sup>9</sup> Ω: Static dissipative. Body voltage: Pass (< 2kV) Lifetime protection through the use of permanent anti-static yarn and backing

Our recommended adhesive for our collection of Tessera carpet tiles is 542 Eurofix Tack plus. Please contact customer services for more information.

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.

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). Cloudscape is currently under assessment for the BREEAM building rating scheme.

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SAMPLE SERVICE  
0800 731 2369  
samples.uk@forbo.com

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www.forbo-flooring.co.uk