Technical specifications

Cloudscape carpet tiles meet the requirements of EN 1307

Description		Tufted multi-pile height loop pile carpet tile
Tile size	EN ISO 24342	50 cm x 50 cm
Total thickness	ISO 1765	7.2 mm
Pile height	ISO 1766	4.4 mm
Collection size		16
Packaging per carton tiles		16 (4 m^2)
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 m^2
Pile weight	ISO 8543	665 g/m^2
Total weight	ISO 8543	4180 g/m^2
Primary backing		Polyester
Secondary backing		ProBac™ recycled mineral filler with low amount of modified bitumen and polyester fleece
Alternative available secondary backing		SOFTbac®
Acoustical impact noise reduction	ISO 10140-3	25 dB
Acoustical sound absorption reduction	ISO 354	αw = 0.20 (H)
Castor chair continuous use	ISO 4918	r ≥ 2.4
Colour fastness to light	ISO 105-B02	≥ 5
Dimensional stability	EN 986	≤ 0.2 %
Indoor air emissions: TVOC after 28 days	EN 16516	≤ 0.1 mg/m^3
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 Indoor Air Comfort Gold 8.0 (2022)
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

CE EN 14041 UKCA BS EN 14041

Product code	EN 14041:2004	1170100-DoP-109
Product code	BS EN 14041:2004	1170100-DoP-GB109
Reaction to fire	EN 13501-1	B_{fl}-s1, G, NCS
Slip resistance	EN 13893	μ ≥ 0.30
Body voltage	ISO 6356	≤ 2.0 kV
Thermal conductivity	EN 12665	0.06 W/mK

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 carpet tiles are manufactured in a facility certified to SA8000® and ISO 45001. The Life Cycle Assessment (LCA) of Forbo Flooring Systems' products is documented in individual Environmental product declarations (EPD's).

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