Technical specifications

Cloudscape specification is based on EN 1307

tessera® cloudscape SOFTbac

Description		Tufted multi-pile height loop carpet tile
Tile size	EN ISO 24342:2018	50cm x 50cm
Total thickness	ISO 1765	10.5mm
Pile height	ISO 1765	4.4mm
Collection size		5 colourways in SOFTbac
Packaging per carton of tiles		12 (3 m²)
Commercial use	EN ISO 10874	Class 33
Pile composition		100% polyamide 6
Dye method		100% solution dyed
Stitch density	ISO 1763	217,267 per m²
Pile weight	ISO 8543	665 g/m² ± 10%
Total weight	ISO 8543	5,185 g/m²
Primary backing		Polyester
Secondary backing		SOFTbac containing 90% recycled content
Acoustical impact noise reduction	ISO 10140-3	28 dB
Acoustical sound absorption reduction	ISO 354	αw = 0.3 (H)
Castor chair continuous use	ISO 4918	r ≥ 2.4
Colour fastness to light	ISO 105-B02	≥ 5
Dimensional stability	EN 986	≤ 0.4%
Indoor air emissions: TVOC after 28 days	EN 16516	≤ 0.1 mg/m³
Creating Better Environments		
Renewable Energy		All Tessera carpet tiles are manufactured using 100% renewable energy (electricity & biogas)
Recycled Content		Cloudscape carpet tiles SOFTbac contain 68% recycled content by weight
Indoor air quality		Cloudscape carpet tiles SOFTbac achieve Indoor Air Comfort Gold
Ska rating		Cloudscape carpet tiles SOFTbac meet Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes
Installation method		Non-directional or monolithic

Cloudscape carpet tiles SOFTbac meet the requirements of EN 14041:2024 and BS EN 14041:2024

Product code	EN 14041	1170200-DoP-111
Product code	BS EN 14041	1170200-DoP-GB111
Reaction to fire	EN 13501-1	B_{fl}-s1
Slip resistance	EN 13893	μ ≥ 0.30
Body voltage	ISO 6356	< 2.0 kV
Thermal conductivity	EN 12524	0.06 W/mK

All Forbo Flooring Systems' sales organisations worldwide have a certified Quality Management System in accordance with ISO 9001.

All Forbo Flooring Systems' manufacturing operations have a certified Environmental Management System in accordance with ISO 14001.

The Life Cycle Assessment (LCA) of Forbo Flooring Systems' products is documented in individual Environmental Product Declarations (EPD's) which can be found on all of our websites.

Tessera is manufactured in a facility certified to SA8000 and ISO 45001.

creating better environments

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