

# Technical specifications

Cloudscape carpet tiles meet the requirements of EN 1307

	Description	Tufted multi-pile height loop pile carpet tile
	Dimensions	EN 994 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 <sup>2</sup> )
	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 <sup>2</sup>
	Pile weight	ISO 8543 665g/m <sup>2</sup>
	Total weight	ISO 8543 4180g/m <sup>2</sup>
	Primary backing	Polyester
	Secondary backing	ProBac™ recycled mineral filler with low amount of modified bitumen, and polyester fleece. Contains over 76% recycled content.
	Alternative available secondary backing	SOFTbac®
	Acoustical impact noise reduction	EN ISO 717-2 26 dB
	Acoustical sound absorption reduction	ISO 354 α <sub>w</sub> = 0.15 (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 <sup>3</sup>
	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
	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 14041:2004 1170100-DoP-109
	Reaction to fire	ISO 9239.1 CRF: >2.2 kW/m <sup>2</sup> / Smoke development: <750%.min
	Slip resistance	AS 4586 R12
	Body voltage	ISO 6356 ≤ 2.0 kV
	Thermal conductivity	EN 12524 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 Cloudscape 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).

For more information:

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