

Technical specifications

tessera® earthscape

Earthscape carpet tiles meet the requirements of EN 1307

Description		Tufted multi-height loop pile carpet tile
	Dimensions	50cm x 50cm
	Total thickness	7.1mm ± 10%
	Pile height	4.0mm ± 0.5mm
	Collection size	12 colourways, 4m ² per box
	Commercial use	EN ISO 10874 Class 33, Suitable for any type of heavy contract application
	Pile composition	100% Invista Antron® Lumena polyamide 6.6
	Dye method	100% solution dyed
	Stitch density	208,032 per m ² ± 10%
	Pile weight	978 gsm ± 10%
	Total weight	4,493 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
	Acoustic	ISO 10140-3 Impact sound $\Delta L_W = 26$ dB
		ISO 354 Sound absorption = 0.15
	Castor chair use	ISO 4918 $r \geq 2.4$ continuous use
	Light fastness	EN ISO 105-B02 ≥ 5
	Dimensional stability	EN 986 $\leq 0.4\%$
	Creating Better Environments	
	Renewable Energy	All Tessera carpet tiles are manufactured using 100% renewable energy (electricity & biogas)
	Recycled Content	Earthscape carpet tiles contain 57% recycled content by weight
	Indoor air quality	Earthscape carpet tiles products comply to 01350 Indoor Air Quality Standard
	Back to the Floor	Installation off cuts can be collected via Back to the Floor
	Ska rating	Earthscape meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes
	Prodis-GUT	www.pro-dis.info 3140E7F6
	Installation method	Monolithic or quarter turn

Earthscape carpet tiles meet the requirements of EN 14041

	Product code	EN 14041 1170100-DoP-306
	Reaction to fire	EN 13501-1 B _{f1} -s1, G, NCS
	Slip resistance	EN 13893 $\mu \geq 0.30$
	Body voltage	ISO 6356 < 2.0kV
	Thermal resistance	ISO 8302 0.079 m ² .K/W

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.

Earthscape carpet tiles are manufactured in a facility certified to SA8000® and OHSAS 18001. The Life Cycle Assessment (LCA) of Forbo Flooring Systems' products is documented in individual Environmental product declarations (EPD's) or local building rating schemes such as BREEAM.

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