

Technical specifications

Tessera carpet tiles meet the requirements of EN 1307

		Accord	Create space 1	Infused	Harmony
	Description	Tufted multi-pile height loop pile carpet tile		Tufted multi-pile height loop pile carpet tile	
	Dimensions	EN 994	50 cm x 50 cm	50 cm x 50 cm	50 cm x 50 cm
	Total thickness	ISO 1765	6.4 mm	5.5 mm	6.7 mm
	Pile height		3 mm	2.7 mm	3.6 mm
	Packaging per carton tiles		16 (4 m²)	20 (5 m²)	16 (4 m²)
	Commercial use	EN ISO 10874	Class 33	Class 33	Class 33
	Pile composition		100% polyamide 6	100% ECONYL® regenerated polyamide 6	100% polyamide 6
	Dye method		100% solution dyed	100% solution dyed	100% solution dyed
	Stitch density	ISO 1763	207,821 per m²	212,760 per m²	245,606 per m²
	Pile weight	ISO 8543	605 g/m²	500 g/m²	720 g/m²
	Total weight	ISO 8543	4,145 g/m²	3,815 g/m²	4,260 g/m²
	Primary backing		Polyester	Polyester	Polyester
	Secondary backing		ProBac™ modified bitumen and polyester fleece	ProBac™ recycled mineral filler with low amount of modified bitumen and polyester fleece	ProBac™ modified bitumen and polyester fleece
	Impact noise reduction	ISO 10140-3	26 dB	25 dB	26 dB
	Sound absorption	ISO 354	$\alpha_w = 0.15$ (H)	$\alpha_w = 0.15$ (H)	$\alpha_w = 0.15$ (H)
	Castor chair continuous use	ISO 4918	$r \geq 2.4$	$r \geq 2.4$	$r \geq 2.4$
	Colour fastness to light	EN ISO 105-B02	≥ 5	≥ 5	≥ 5
	Dimensional stability	EN 986	≤ 0.2 %	≤ 0.2 %	≤ 0.2 %
	Indoor air emissions: TVOC after 28 days	EN 16516	≤ 0.1 mg/m³	≤ 0.1 mg/m³	≤ 0.1 mg/m³
	Creating better environments				
	Renewable electricity	All Tessera tufted carpet tiles are manufactured using 100% renewable energy (electricity & biogas)			
	Recycled content by weight		61%	75%	60%
	Embodied carbon /m² (cradle to gate)*		3.87 kg	0.850 kg	4.24 kg
	Indoor air quality	Tessera carpet tiles comply to Indoor Air Comfort standards			
	Installation method		Monolithic	Monolithic, quarter turn or tessellated	Monolithic, quarter turn or non-directional

Tessera carpet tiles meet the requirements of EN 14041

CE
EN 14041

	Product code	EN 14041	1170104-DoP-210	1170100-DoP-109w	1170100-DOP-109	1170104-DoP-210
	Reaction to fire	ISO 9239.1	CRF >2.2 kW/m²	CRF >2.2 kW/m²	CRF >2.2 kW/m²	CRF >2.2 kW/m²
	Slip resistance	AS 4586:2013	R12, P5	R12, P5	R12, P5	R12, P5
	Thermal conductivity	EN 12667	0.06 W/m.k	0.06 W/m.k	0.06 W/m.k	0.06 W/m.k
	Body voltage	ISO 6356	< 2.0 kV (antistatic)	< 2.0 kV (antistatic)	< 2.0 kV (antistatic)	< 2.0 kV (antistatic)

* Data may change. Please visit our website to verify via our EPD.

Our recommended adhesive for Tessera is Forbo's FSPS1 tackifier. Please contact customer service 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.
Tessera 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).



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