

Technical specifications

Basis Pro carpet tiles meet the requirements of EN 1307

	Description	Tufted low loop pile carpet tile
	Tile size	EN ISO 24342:2018 50 cm x 50 cm
	Total thickness	ISO 1765 5.6 mm
	Pile height	ISO 1766 2.6 mm
	Collection size	32
	Packaging per carton of tiles	20 (5 m ²)
	Commercial use	EN ISO 10874 Class 33, Suitable for any type of heavy contract application
	Pile composition	100% Aquafil polyamide 6
	Dye method	100% solution dyed
	Stitch density	ISO 1763 197,000 per m ²
	Pile weight	ISO 8543 540 gsm
	Total weight	ISO 8543 3880 gsm
	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	IOS 10140-3 25 dB
	Acoustical sound absorption	ISO 354 $\alpha_w = 0.15$ (H)
	Castor chair continuous use	ISO 4918 ≥ 2.4
	Colour fastness to light	EN ISO 105-B02 ≥ 5
	Dimensional stability	EN 986 $\leq 0.2\%$
	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	Basis Pro carpet tiles contain 62% recycled content by weight
	Indoor air quality	Basis Pro carpet tiles comply to Indoor Air Comfort Gold 8.0 (2022)
	Ska Rating	Basis Pro meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes
	Prodis-GUT	www.pro-dis.info AF1485CC
	Installation method	Monolithic, quarter turn or tessellated

Basis Pro carpet tiles meet the requirements of EN 14041:2004

	Product code	EN 14041:2004 1170100-DOP-109
	Reaction to fire	EN 13501-1 B _{f1} s1, G, NCS
	Slip resistance	EN 13893 $\mu \geq 0.30$
	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 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).