Technical specifications

Tessera carpet tiles meet the requirements of EN 1307

tessera® chroma^{e+}

Description		Tufted textured loop pile carpet tile
Tile size	EN ISO 24342:2018	50 cm x 50 cm
Total thickness	ISO 1765	6.4 mm
Pile height	ISO 1766	3.5 mm
Collection size		24 colourways
Packaging per carton of tiles		16 (4 m^2)
Commercial use	EN ISO 10874	Class 33
Pile composition		100% ECONYL® regenerated polyamide 6
Dye method		100% solution dyed
Stitch density	ISO 1763	94,464 per m^2
Pile weight	ISO 8543	750 g/m^2
Total weight	ISO 8543	4065 g/m^2
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	ISO 10140-3	26 dB
Acoustical sound absorption	ISO 354	αw = 0.15 (H)
Castor chair continuous use	ISO 4918	r ≥ 2.4
Colour fastness to light	EN ISO 105-B02	≥ 5
Indoor air emissions: TVOC after 28 days	EN 16516	≤ 0.1 mg/m^3
Dimensional stability	EN 986	≤ 0.2%
Creating Better Environments		
Renewable Energy		All Tessera tufted carpet tiles are manufactured using 100% renewable energy (electricity & biogas)
Recycled Content		Chroma carpet tiles contain 77% recycled content by weight
Indoor Air Quality		Chroma carpet tiles achieve Indoor Air Comfort Gold 8.0 (2023)
Back to the Floor		Installation off cuts can be collected via Back to the Floor
Ska Rating		Chroma carpet tiles meet Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes
Prodis-GUT	www.pro-dis.info	0D6FB476
Installation method		Monolithic, quarter turn or tessellated

Chroma carpet tiles meet the requirements of EN 14041:2004 and BS EN 14041:2004

Product code	EN 14041:2004	1170100-DOP-109
Product code	BS EN 14041:2004	1170100-DOP-GB109
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

Recommended adhesives: For the latest installation instructions and recommended adhesives please visit **www.forbo-flooring.co.uk/installation**

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.

LRQA CERTIFIED ISO 9001

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