

Technical specifications

tessera® inline

Inline meet the requirements of EN 1307

Description	Tufted multi-pile height loop carpet tile	
Tile size	EN ISO 24342:2018	50 cm x 50 cm
Total thickness	ISO 1765	6.5 mm
Pile height	ISO 1766	3.9 mm
Collection size	12	
Packaging per carton tiles	16 (4 m ²)	
Commercial use	EN ISO 10874	Class 33
Pile composition	100% polyamide 6	
Dye method	100% solution dyed	
Stitch density	ISO 1763	198,374 per m ²
Pile weight	ISO 8543	605 g/m ²
Total weight	ISO 8543	4120 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	25 dB
Acoustical sound absorption	ISO 354	aw = 0.20 (H)
Castor chair continuous use	ISO 4918	r ≥ 2.4
Colour fastness to light	EN ISO 105-B02	≥ 5
Dimensional stability	EN 986	≤ 0.2 %
Indoor air emissions: TVOC after 28 days	EN 16516	≤ 0.1 mg/m ³
Creating Better Environments		
Renewable Energy	All Tessera carpet tiles are manufactured using 100% renewable energy (electricity & biogas)	
Recycled Content	Inline carpet tiles contain 62% recycled content by weight	
Indoor air quality	Inline carpet tiles comply to Indoor Air Comfort Gold 8.0 (2022)	
Ska Rating	Inline meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes	
Prodis-GUT	www.pro-dis.info	F2BC1C73
Back to the Floor	Installation off cuts can be collected via Back to the Floor	
Installation method	Monolithic, quarter turn or tessellated	

CE UK
EN 14041 BS EN 14041

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

Product code	EN 14041	1170100-DOP-109
Product code	BS EN 14041	1170100-DoP-GB109
Reaction to fire	EN 13501-1	B _{fl} -s1, G, NCS
Slip resistance	EN 13893	μ ≥ 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 and planks 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).



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CONSTRUCTION

Multi-height
100% SOLUTION DYED POLYAMIDE 6

50CM X 50CM TILE SIZE

605 GSM PILE WEIGHT

SUSTAINABILITY

3.82KG CO₂E/M² OF EMBODIED CARBON (A1-A3)

62% RECYCLED CONTENT

100% RENEWABLE ENERGY

INDIVIDUAL EPD

BACK TO THE FLOOR RECYCLING PROGRAM

SAVE A SAMPLE RECYCLING SERVICE

APPLICATION

HEAVY CONTRACT RATING

COMMERCIAL FIRE RATING

INDOOR AIR QUALITY

INDOOR AIR COMFORT GOLD CERTIFIED PRODUCT

GUT

SOCIAL ACCOUNTABILITY

SOCIAL ACCOUNTABILITY

SALVATION ARMY PARTNERSHIP

NBS Source
Manufacturing Partner

SAMPLE SERVICE
0800 731 2369
samples.uk@forbo.com

BACK TO THE FLOOR RECYCLING PROGRAM

BIM
REVIT | ARCHICAD

ACOUSTICS

25 DB IMPACT SOUND

0.20 (H) SOUND ABSORPTION

COLLECTION AVAILABILITY & INSTALLATION

12 COLOURWAYS AVAILABLE

MONOLITHIC INSTALLATION

ADHESIVE FREE

ADHESIVE FREE INSTALL OPTION AVAILABLE

5 YEARS WARRANTY WITH nuway cora!

TESSELLATED INSTALLATION

QUARTER TURN INSTALLATION

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creating better environments



FLOORING SYSTEMS