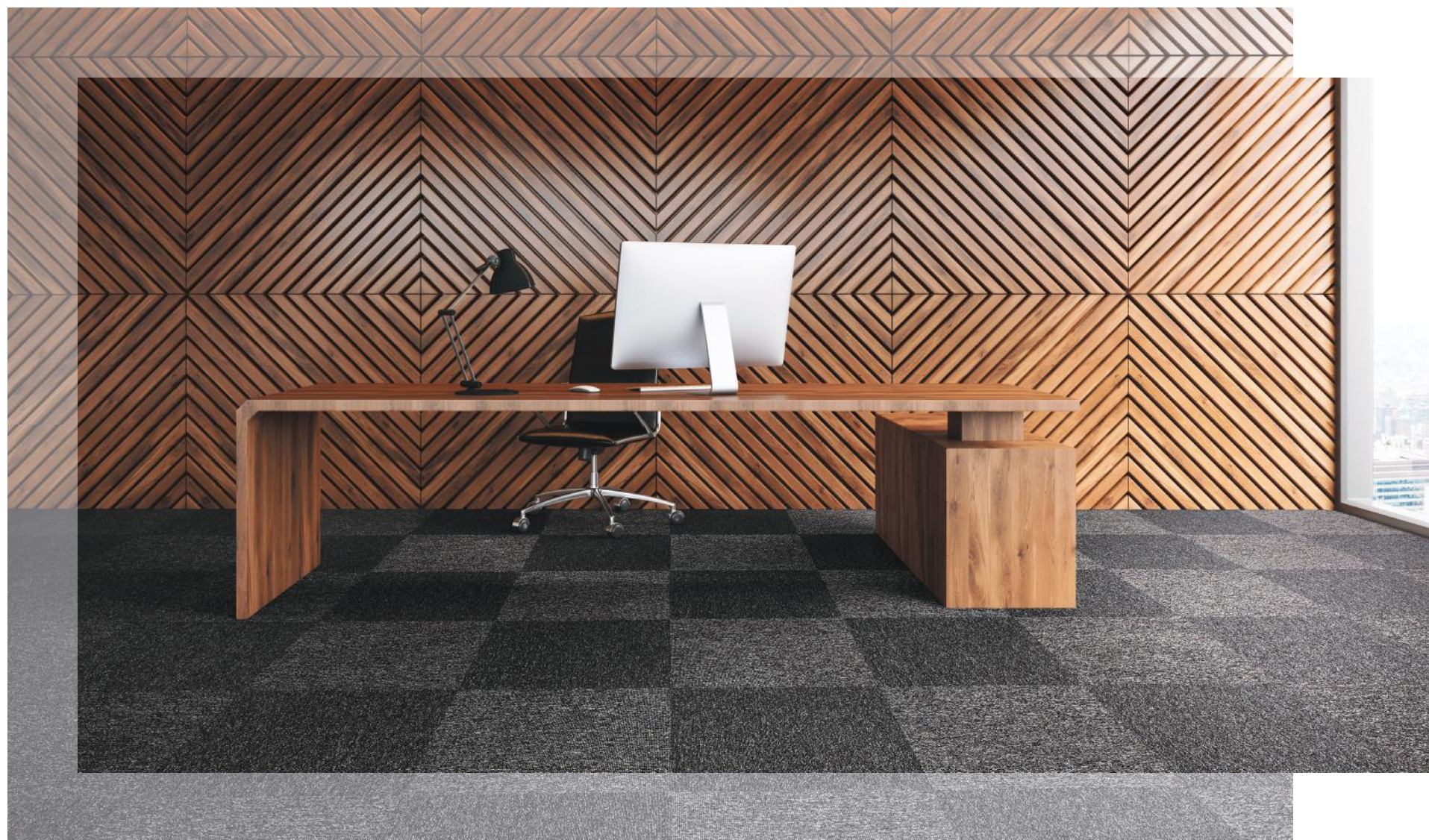




Textile Carpet Tiles

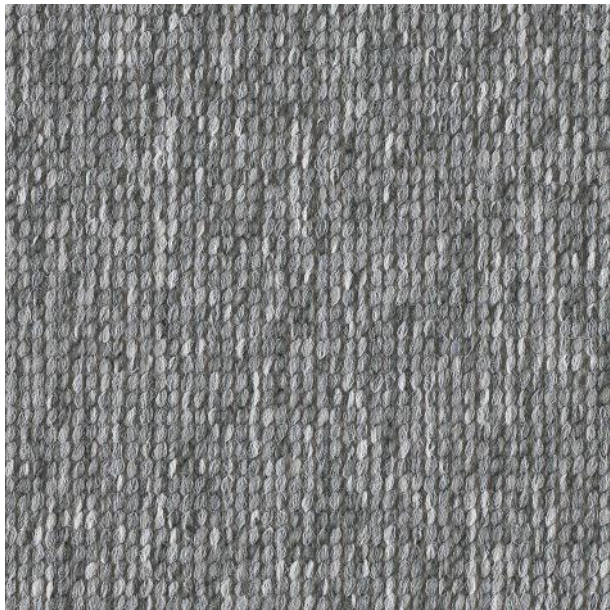
tessera[®] struktur 1



50 x 50 cm

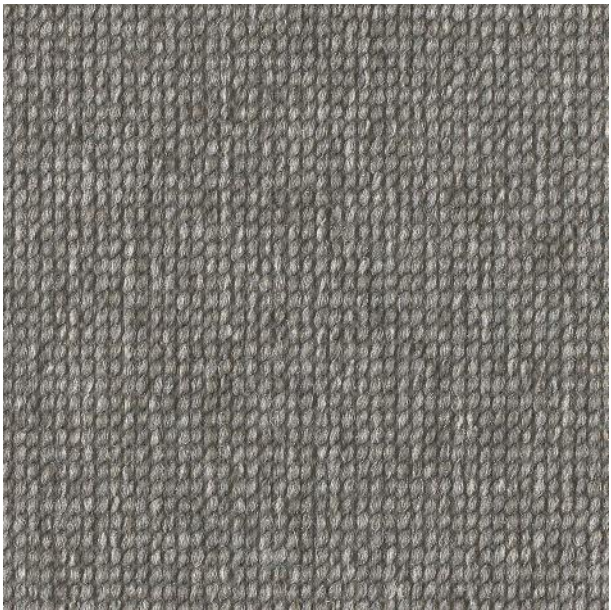
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forbo
FLOORING SYSTEMS



3700 | måne

LRV 19



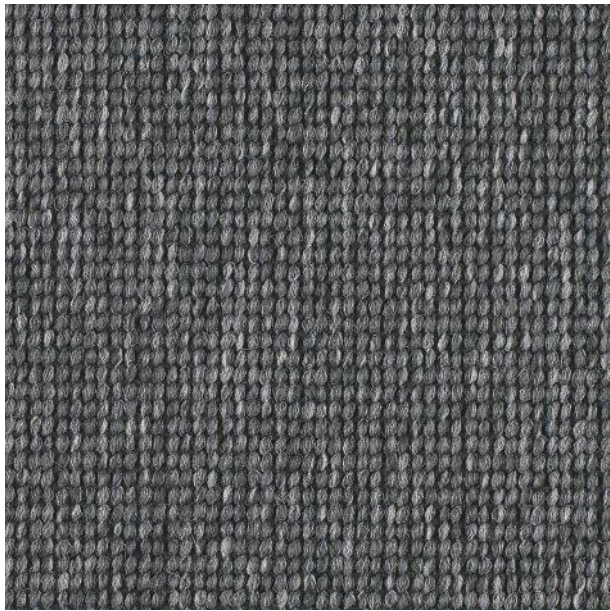
3701 | sten

LRV 17



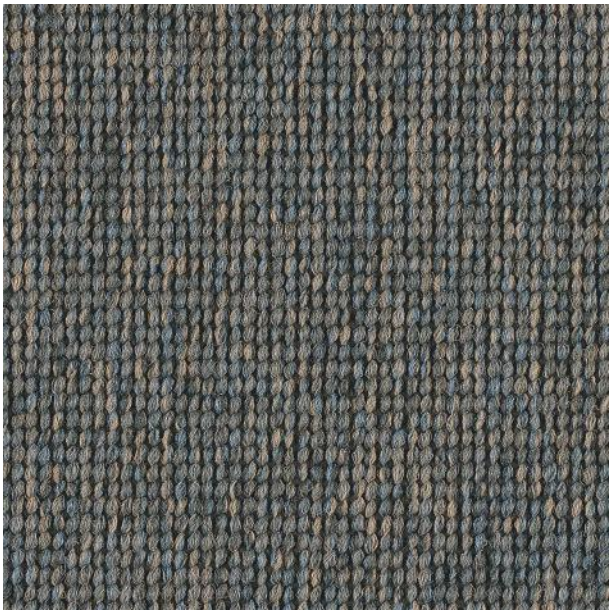
3702 | korn

LRV 25



3703 | grå

LRV 11



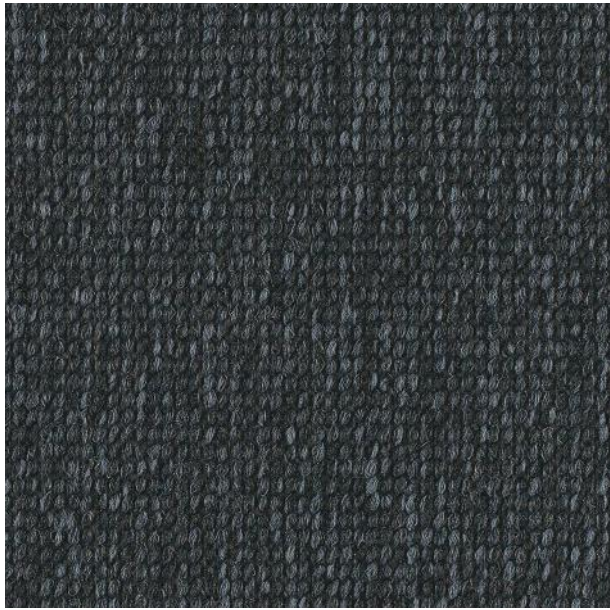
3704 | malm

LRV 11



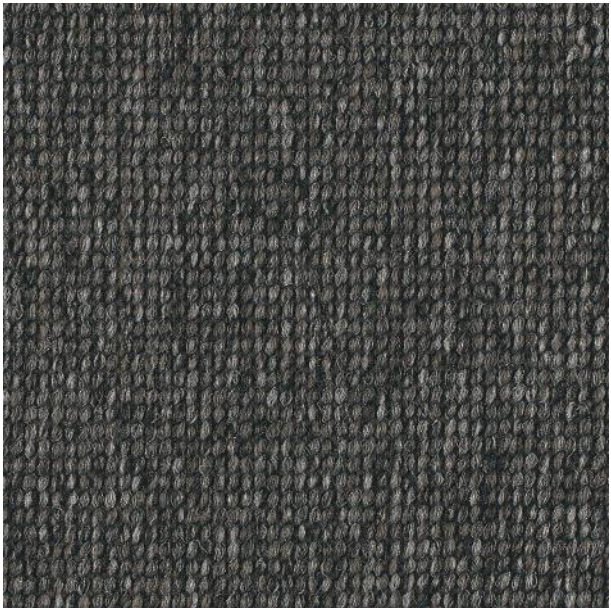
3705 | kaffe

LRV 19



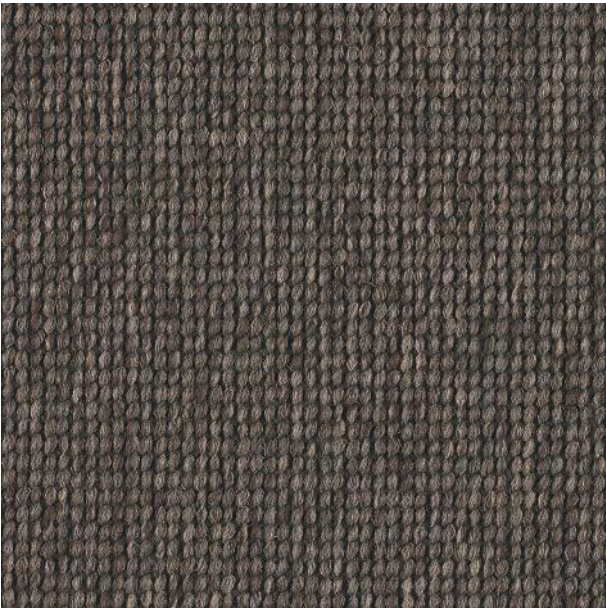
3706 | svart

LRV 7



3707 | järn

LRV 8

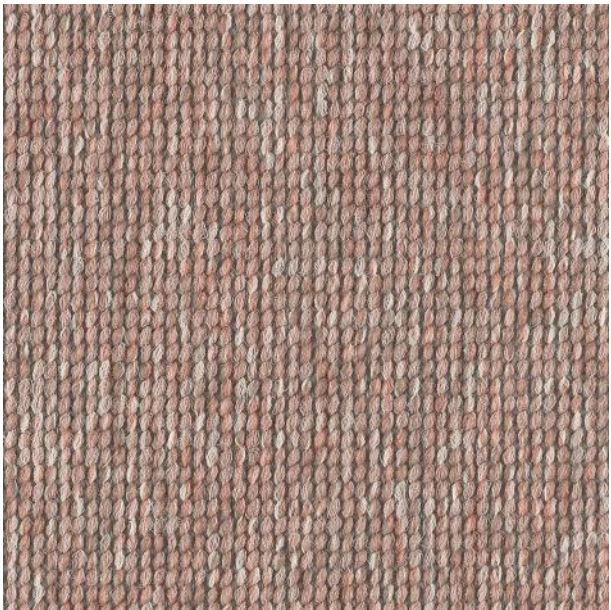


3708 | brun

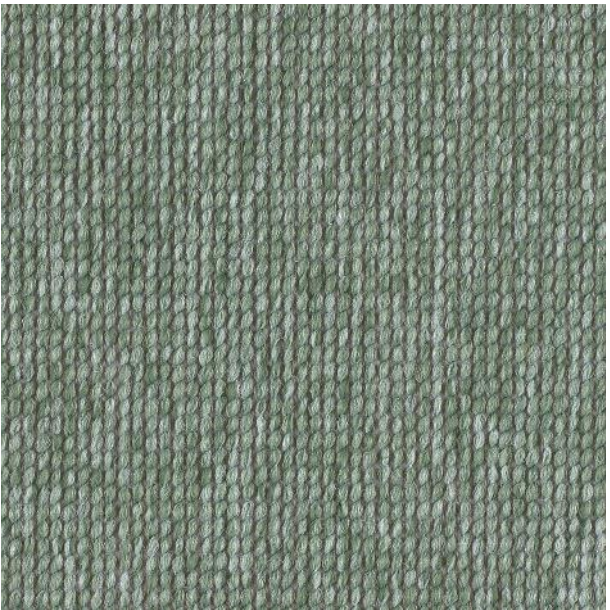
LRV 8



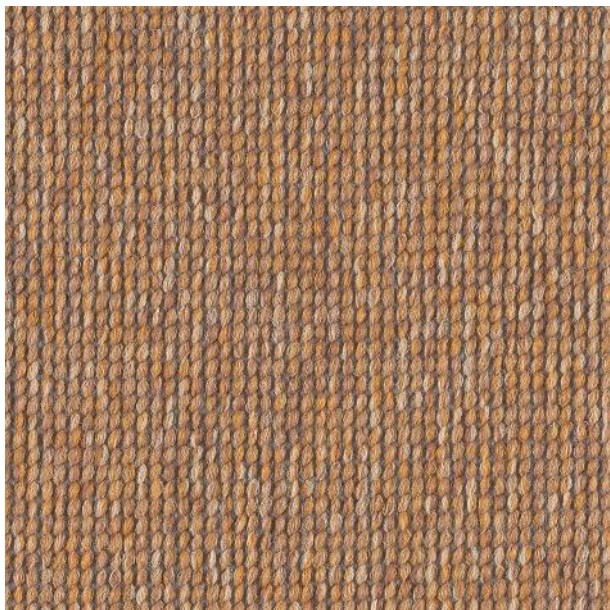
3709 | gul LRV 27



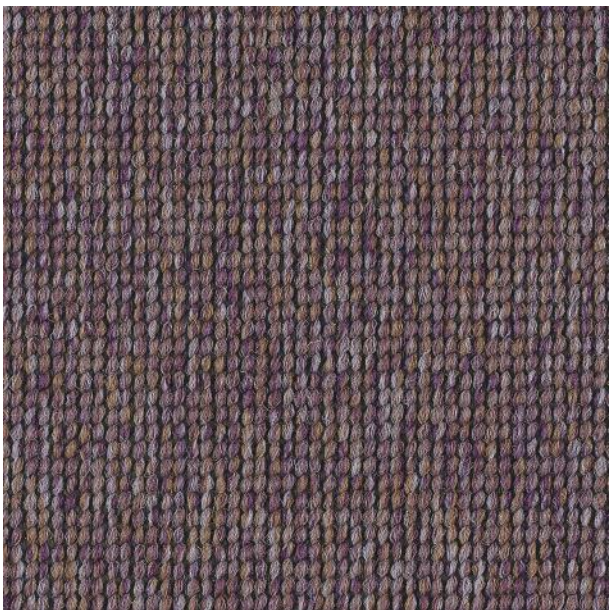
3710 | rosa LRV 21



3711 | mossa LRV 19



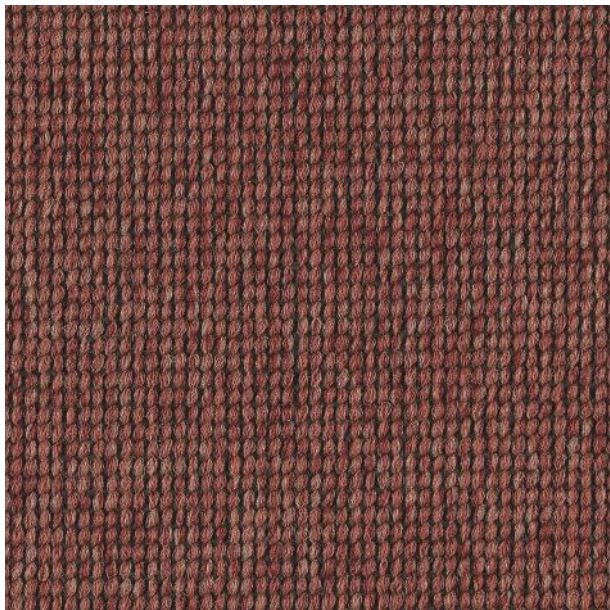
3712 | flamma LRV 20



3713 | lila LRV 10



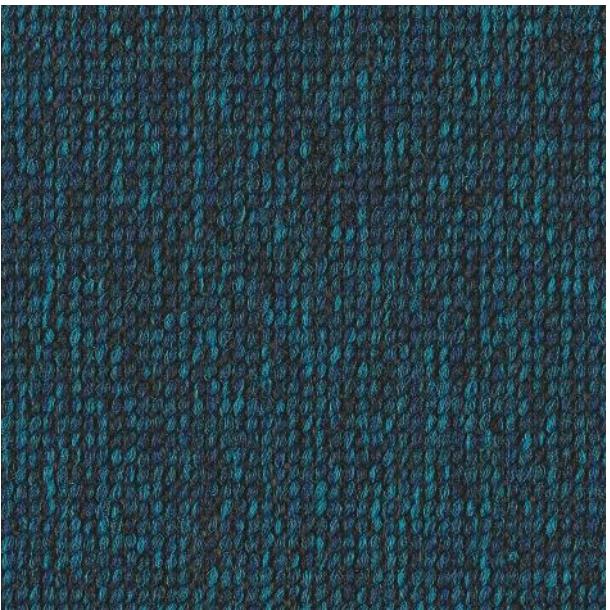
3714 | grön LRV 8



3715 | rost LRV 9



3716 | blå LRV 6



3717 | påfågel LRV 6

Technical specifications

Tessera Struktur 1 meets the requirements of EN 1307

	Description	Microtuft carpet tile	
	Tile size	EN 994	50 cm x 50 cm
	Total thickness	ISO 1765	5.1 mm ± 10%
	Pile height	ISO 1766	1.00 mm ± 15% - 10%
	Collection size	18	
	Packaging per carton tiles	20 (5 m² per box)	
	Commercial use	EN ISO 10874	Class 33, Suitable for any type of heavy contract application
	Pile composition	100% polyamide 6	
	Dye method	100% solution dyed	
	Stitch density	ISO 1763	126,080 per m²
	Pile weight	ISO 8543	350 g/m² ± 10%
	Total weight	ISO 8543	3765 g/m²
	Primary backing	Polyester	
	Secondary backing	ProBac™ modified bitumen and polyester fleece. Contains over 76% recycled content	
	Acoustical impact noise reduction	ISO 717-2	17 dB
	Acoustical sound absorption	ISO 354	αw = 0.15 (H)
	Castor chair continuous use	ISO 4918	r ≥ 2.4 continuous use
	Colour fastness to light	EN ISO 105-B02	≥ 6
	Dimensional stability	EN 986	≤ 0.2 %
	Indoor air emissions: TVOC after 28 days	EN 16516	≤ 0.1 mg/m³
	Creating Better Environments		
	Renewable Energy	All Tessera tufted carpet tiles are manufactured using 100% renewable energy (electricity & biogas)	
	Recycled Content	Struktur 1 carpet tiles contain 65% recycled content by weight	
	Indoor Air Quality	Struktur 1 carpet tiles comply to 01350 Indoor Air Quality Standard	
	Back to the Floor	Installation off cuts can be collected via Back to the Floor	
	Ska Rating	Struktur 1 meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes	
	Installation method	Quarter turn (Monolithic installation is at the discretion of the user, but non-visible joins are not guaranteed)	

Struktur 1 carpet tiles meet the requirements of EN 14041:2004

	Product code	EN 14041:2004	1170100-DOP-101
	Reaction to fire	EN 13501-1	C _f -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 Struktur 1 is 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) or local building rating schemes such as BREEAM.

Colourway choice

As with any product, colour and design influence the appearance retention of the floor. The level and type of traffic should be considered as part of the process for selecting colourways. Light colours may not be suitable for heavy traffic areas.

Installation and maintenance

Shades may vary from batch to batch and should be checked before installation. Batches should not be mixed in the same location. All Tessera products are to be installed in full accordance with Forbo installation instructions and recognised trade standards.

Our recommended adhesive for our collection of Tessera carpet tiles is 542 Eurofix Tack Plus.

A well designed entrance flooring system will prevent dirt and moisture from being tracked into the building, prolonging the life of the carpet tiles, reducing cleaning, repair and overall maintenance costs. **Forbo Coral and Nuway entrance systems** are independently proven to remove and retain up to 95% of all dirt and moisture entering a building. Please contact customer services for more information.

Regular power vacuuming is essential. Spills and surface stains can be removed by sponging with a damp cloth or, for more resistant stains, with a mild detergent solution. For full installation and cleaning and maintenance instructions please go to **www.forbo-flooring.co.uk**

Whilst Forbo Flooring UK Limited does its best to ensure that the contents of this samplebook are correct and accurate at the time of publication, to the fullest extent permitted by law, Forbo Flooring UK Limited makes no, and expressly disclaims all, guarantees of any kind, expressed or implied in respect of the information, content, materials or products displayed in this samplebook and does not represent that the information is accurate, complete or current and you are advised to visit our website at **www.forbo-flooring.co.uk** for up-to-date details or corrections to such contents.

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