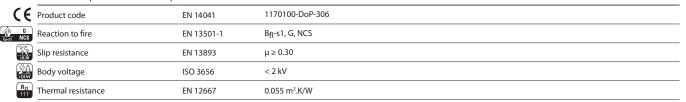
## **Technical specifications**

Struktur 1 carpet tiles meet the requirements of EN 1307

Description		Microtuft carpet tile
Dimensions	EN 994	50cm x 50cm
Total thickness	ISO 1765	5.1mm ± 10%
Pile height	ISO 1766	1.00mm +15% -10%
Collection size		18 colourways, 5m² 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 $m^2 \pm 10\%$
Pile weight	ISO 8543	350gsm ± 10%
Total weight	ISO 8543	3,765gsm ± 10%
Primary backing		Polyester
Secondary backing		ProBac recycled mineral filler with low amount of modified bitumen, and polyester fleece. Contains over 76% recycled content.
Acoustic	ISO 717-2	Impact sound $\Delta L_W = 17 \text{ dB}$
	ISO 354	Sound absorption = 0.15
Castor chair use	ISO 4918	r ≥ 2.4 continuous use
Light fastness	EN ISO 105-B02	≥6
Dimensional stability	EN 986	≤ 0.2 %
Creating Better Environments Renewable Energy Recycled Content		All Tessera tufted carpet tiles are manufactured using 100% renewable energy (electricity & biogas)  Struktur 1 carpet tiles contain 65% recycled content by weight
Indoor Air Quality		Struktur 1 carpet tiles comply to 01350 Indoor Air Quality Standard
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



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 OHSAS 18001.

