

























# Technical specifications

Tessera carpet tiles meet the requirements of EN 1307

tessera® twine<sup>+</sup>

| Description   | Tufted multi-pile height loop carpet tile   |                            |
|---|---|----------------------------|
|  Tile size                                   | EN ISO 24342:2018   | 50 cm x 50 cm              |
|  Total thickness                             | ISO 1765  | 6.4 mm                     |
| Pile height   | ISO 1766  | 3.4 mm                     |
|  Collection size                             | 12 colourways   |                            |
| Packaging per carton of tiles   | 16 (4 m <sup>2</sup> )  |                            |
|  Commercial use                              | EN ISO 10874  | Class 33                   |
| Pile composition  | Thrive® matter by Universal Fibers®. 100% solution dyed nylon 6 with 90% recycled content                               |                            |
| Dye method  | 100% solution dyed  |                            |
| Stitch density  | ISO 1763  | 212,544 per m <sup>2</sup> |
| Pile weight   | ISO 8543  | 700 g/m <sup>2</sup>       |
|  Total weight                                | ISO 8543  | 4240 g/m <sup>2</sup>      |
| Primary backing   | Polyester   |                            |
|  Secondary backing                           | ProBac™   |                            |
| Alternative available secondary backing   | SOFTbac®  |                            |
|  Acoustical impact noise reduction           | ISO 10140-3   | 27 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  | ≥ 6                        |
|  Indoor air emissions:<br>TVOC after 28 days | EN 16516  | ≤ 0.1 mg/m <sup>3</sup>    |
|  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                           | Twine carpet tiles contain 75% recycled content by weight   |                            |
|  Indoor Air Quality                        | Twine 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  | Twine carpet tiles meet Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes |                            |
| Prodis-GUT  | www.pro-dis.info  | FCB96169                   |
|  Installation method                       | Monolithic  |                            |

Twine 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 <sub>f1</sub> -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](http://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.



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