





















Technical specifications

tessera[®] helix

Helix carpet tiles meet the requirements of EN 1307

| | | | |
|---|------------------------------|--|---|
| | Description | Tufted multi-height loop pile carpet tile | |
|  | Dimensions | 50cm x 50cm (Other sizes available for special orders) | |
|  | Total thickness | 7.5mm ± 10% | |
| | Pile height | 4.0mm ± 0.5mm | |
|  | Collection size | 13 colourways 4m ² per box | |
|  | Application | EN 1307 | Class 33, Suitable for any type of heavy contract application |
| | Pile composition | 100% Invista Antron [®] lumena polyamide | |
| | Dye method | 100% solution dyed | |
| | Stitch density | 222,216 per m ² ± 10% | |
|  | Pile weight | 740 gsm ± 10% | |
| | Total weight | 4,235 gsm ± 10% | |
| | Primary backing | Polyester | |
|  | Secondary backing | Modified bitumen and polyester fleece. Also available in SOFTbac [®] secondary backing | |
|  | Castor chair use | BS EN 985 | Minimum R value: ≥2.4 |
|  | Light fastness | BS EN ISO 105 B02 | ≥6 |
|  | Dimensional stability | BS EN 986 | ≤0.2% |
|  | Creating Better Environments | | |
|  | Renewable Electricity | All Tessera carpet tiles are manufactured using 100% electricity made from renewable sources | |
|  | Recycled Content | Helix contains over 50% recycled content by weight | |
|  | Indoor Air Quality | Helix meets 01350 Indoor Air Quality standard | |
|  | Back to the Floor | Installation off cuts can be collected and recycled via Back to the Floor | |
| | Ska | Helix meets Ska Rating criteria for M12 soft floor coverings in both office and retail schemes | |
|  | Guarantee | Helix carpet tiles are guaranteed for 10 years under heavy contract conditions (15 years guaranteed with SOFTbac [®]) provided that they have been professionally fitted by a recognised contractor and regularly maintained in accordance with the Forbo requirements currently in force. | |
|  | Installation method | Quarter turn or tessellated | |
| Helix carpet tiles meet the requirements of EN 14041 | | |  EN 14041 |
|  | Reaction to fire | EN 13501-1 | B _{fl} -s1 |
|  | Slip resistance | EN 13893 | DS: ≥0.30 |
|  | Electrical resistance | BS ISO 10965 & EN1815 | <1 x 10 ⁹ Ω: Static dissipative. Body voltage: Pass (< 2kV) Lifetime protection through the use of permanent anti-static yarn and backing |

BREEAM ratings

Tessera Helix – Carpet Tiles (EN1307)

| Building Type | Education | Healthcare | Multi Residential | Retail (Durability) | Retail (Fashion) | Meets Ska criteria |
|---------------|-----------|------------|-------------------|---------------------|------------------|--------------------|
| Office | A | A | B | A | A+ | ✓ |

Our recommended adhesive for our collection of Tessera carpet tiles is 542 Eurofix Tack plus. Please contact customer services for more information.

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.

Helix carpet tiles are manufactured in a facility certified to SA8000[®] and OHSAS 18001.

The Life Cycle Assessment (LCA) of Forbo Flooring Systems' products is documented in individual Environmental product declarations (EPDs) or local building rating schemes such as BREEAM.

Forbo Flooring Systems reserves the right to improve the specification of its products without giving prior notice. Errors and omissions excepted.



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creating better environments



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