

## Respond Comfortworx® Tile

Style Number	<b>C028W</b>	
Collection	<b>Living Systems</b>	
Product Type	<b>Carpet Tile</b>	
Construction	Standard	Data + Performance
Type of Manufacture	<b>ISO 2424</b>	<b>tufted 1/10"   39.4 per 10cm</b>
Aspect	<b>ISO 2424</b>	<b>Multi-Level Pattern Loop</b>
Dye Method	<b>EN 994</b>	<b>100% Solution Dyed</b>
Dimensions	<b>EN 994</b>	<b>25 cm x 100 cm   20 tiles (5 m²) per box</b>
Primary Backing	<b>ISO 2424</b>	<b>Pet Non-Woven</b>
Secondary Backing	<b>ISO 2424</b>	<b>Comfortworx® Tile   Matrix Pad Layer Contains 90% Recycled Content</b>
Pile Fibre Composition	<b>ISO 2424</b>	<b>Eco Solution Q® Polyamide 6</b>
Total Thickness	<b>ISO 1765</b>	<b>11.1 mm</b>
Effective Pile Thickness	<b>ISO 1766</b>	<b>2.5 mm</b>
Total Mass	<b>ISO 8543</b>	<b>4006 g/m²</b>
Nominal Total Pile Mass	<b>ISO 2424</b>	<b>746 g/m²</b>
Effective Pile Mass	<b>ISO 8543</b>	<b>285 g/m²</b>
Pile Density	<b>ISO 8543</b>	<b>0.115 g/cm³</b>



### Performance

Number of Tufts	<b>ISO 1763</b>	<b>124,000/m²   31.5 per 10cm</b>
Electrostatic Propensity	<b>ISO 6356</b>	<b>≤ 2.0 kv (Stroll Test)</b>
Use Classification	<b>EN 1307</b>	<b>33 Commercial Heavy</b>
Luxury Class	<b>EN 1307</b>	<b>LC1</b>
Dimensional Stability	<b>EN 986</b>	<b>≤ 0.2%</b>
Impact Sound Insulation	<b>ISO 10140</b>	<b>35db*</b>
Sound Absorption Classification	<b>ISO 354/11654</b>	<b>0.30 Aw   Class D</b>
Thermal Resistance m² K/W	<b>ISO 8302</b>	<b>0.162 M² K/W Tog 1.62</b>
Dry Slip Resistance	<b>ISO 13893</b>	<b>Pass / No Pulled Loops</b>
Colour Fastness To Light	<b>ISO 105-B02</b>	<b>&gt;6</b>
Flammability	<b>EN 13501-1</b>	<b>Bfl-S1 (Adhered Testing)</b>
Castor Chair	<b>EN 985</b>	<b>≥2.4 Continuous Use</b>

15 Year Commercial Limited Warranty subject to installation in full accordance with the manufacturer's instructions and a regular effective cleaning and maintenance programme. Second location warranties are available with the use of non-adhesive IOBAC Magtabs and Tabit accessories.

### Recommended Installation Method



Ashlar



Brick



Herringbone



Monolithic



Stagger



35dB

Coordinating Products

Carpet Tile: **Observe Colour Comfortworx® Tile, Endless Comfortworx® Tile, Respond Colour Comfortworx® Tile, Transform Colour Comfortworx® Tile, Source Comfortworx® Tile, Boundless Comfortworx® Tile, Observe Comfortworx® Tile, Transform Comfortworx® Tile, Endless Taskworx® Tile, Respond Taskworx® Tile, Observe Taskworx® Tile, Transform Taskworx® Tile, Respond Colour Taskworx® Tile, Observe Colour Taskworx® Tile, Transform Colour Taskworx® Tile, Boundless Taskworx® Tile, Source Taskworx® Tile**

Material Health & Environmental Certifications

Country of Origin**	United Kingdom
BREEAM Contribution Credit	Certificate of Approval Schools/Offices/Health/Industrial Shed Retail


Air Quality

Indoor Air Comfort Gold	Certified
M1	Certified

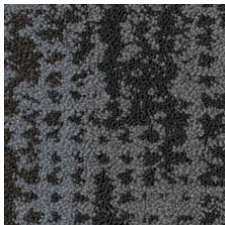
Memberships

WGBC Framework	WGBC Framework
UKGBC	UKGBC
Emirates Green Building Council	Emirates Green Building Council
Chemsec	Chemsec

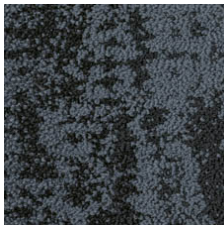
Available Colorways




Optimistic 05105



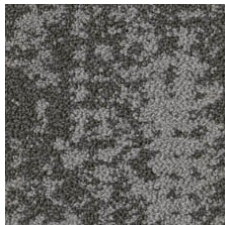
Lava 05500



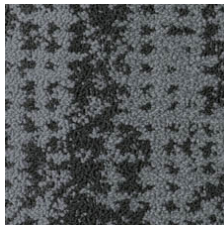
Deepest 05505



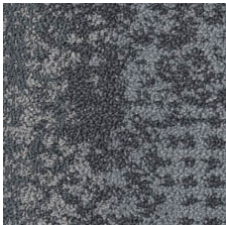
Radiant 05515



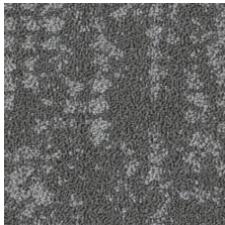
Wild 05557




Calm 05580



Untamed 05595



Fragile 05760



Mountain 05761

Additional Information

15 Year Commercial Limited warranty	Specifications are subject to nominal manufacturing variance. Material supply and/or manufacturing processes may necessitate changes without notice.  This product is an exclusive design and may not be duplicated in any manner. Use of this design in the creation of another product design is also strictly prohibited.  Visit <a href="http://shawcontract.com/testing">shawcontract.com/testing</a> for more information.
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