

Formation Ecoworx S® Tile

Style Number	5T585	
Collection	Floor Architecture III	
Product Type	Carpet Tile	
Construction	Standard	Data + Performance
Type of Manufacture	ISO 2424	tufted 1/12"   47.2 per 10cm
Aspect	ISO 2424	Multi-Level Pattern Loop
Dye Method	EN 994	100% Solution Dyed
Dimensions	EN 994	50 cm x 50 cm   20 tiles (5 m²) per box
Primary Backing	ISO 2424	Pet Non-Woven
Secondary Backing	ISO 2424	Ecoworx S® Polyolefin Plastomer
Pile Fibre Composition	ISO 2424	Eco Solution Q100® Polyamide 6   Contains 100% Recycled Content
Total Thickness	ISO 1765	5.4 mm
Effective Pile Thickness	ISO 1766	2.1 mm
Total Mass	ISO 8543	2558 g/m²
Nominal Total Pile Mass	ISO 2424	630 g/m²
Effective Pile Mass	ISO 8543	269 g/m²
Pile Density	ISO 8543	0.127 g/cm³
Total Recycled Content		53% (pre-consumer 53%   post-consumer 0%)

Performance

Number of Tufts	ISO 1763	193,000/m²   41 per 10cm
Electrostatic Propensity	ISO 6356	≤ 2.0 kv (Stroll Test)
Use Classification	EN 1307	33 Commercial Heavy
Luxury Class	EN 1307	LC1
Dimensional Stability	EN 986	≤ 0.2%
Impact Sound Insulation	ISO 10140	26 Db
Sound Absorption Classification	ISO 354/11654	0.20 Aw   Class E
Thermal Resistance m² K/W	ISO 8302	0.066 M² K/W Tog 0.66
Dry Slip Resistance	ISO 13893	Pass / No Pulled Loops
Colour Fastness To Light	ISO 105-B02	>6
Flammability	EN 13501-1	Bfl-S1 (Adhered Testing)
Castor Chair	EN 985	≥2.4 Continuous USe

Lifetime Commercial Limited 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

Monolithic

Quarter Turn

Brick

Ashlar

Random

33

26 dB

26 dB

26 dB

## Coordinating Products

Carpet Tile: **Stone Comfortworx® Tile, Fragment Comfortworx® Tile, Formation Colours Comfortworx® Tile, Fragment Colours Comfortworx® Tile, Stone Colours Comfortworx® Tile, Formation Comfortworx® Tile, Fragment Taskworx® Tile, Stone Taskworx® Tile, Formation Colours Ecoworx S® Tile, Fragment Colours Ecoworx S® Tile, Formation Colours Taskworx® Tile, Fragment Colours Taskworx® Tile, Fragment Ecoworx S® Tile, Stone Ecoworx S® Tile, Formation Taskworx® Tile, Stone Colours Taskworx® Tile, Stone Colours Ecoworx S® Tile**

## Product Transparency

Shaw Contract is dedicated to providing clients with a building chemistry that's safe and dependable. Working together, we will help you meet your goals as they pertain to material health. Ecoworx S® products are Cradle to Cradle Certified® Silver and assessed for impacts on human health and the environment. This product can be recycled. When it's time to replace, we can collect through our re-[TURN] scheme in EMEA.

## Material Health &amp; Environmental Certifications

Certifications below apply exclusively to the carpet tile rug itself and not the LokWorx Tabs adhesive

Cradle to Cradle Certified®	<b>Silver Level (Version 3.1)</b>
Environmental Product Declaration (EPD)	<b>3rd Party Certified in Accordance with ISO14044, ISO14025 &amp; EN15804</b>
Embodied Carbon (Cradle to Gate)	<b>4.21 kg CO<sub>2</sub>/m<sup>2</sup></b>
Life-Cycle Carbon Emissions	<b>Carbon Neutral</b>
Environmental Guarantee*	<b>Take Back Policy Offered For All Ecoworx S® Products</b>
Country of Origin**	<b>United Kingdom</b>
BREEAM Contribution Credit	<b>Certificate of Approval Schools/Offices/Health/Industrial Shed Retail</b>

## WELL V2 Contribution Credit

X08 Hazardous Material Reduction Part 1: Limit Hazardous Materials Optimization	<b>C2C Silver Level (Version 3.1)</b>
X10 Volatile Compound Reduction Part 1 (A): Manage Volatile Organic Compounds (VOCs) Optimization	<b>C2C Silver Level (Version 3.1)</b>
X11 Long Term Emissions Control Part 2: Flooring Optimization	<b>M1&gt; Emissions Class For Building Material</b>
X13 Enhanced Material Precaution Part 1: Select Optimized Materials Optimization	<b>C2C Silver Level (Version 3.1)</b>
X14 Material Transparency Part 1: Promote Ingredient Disclosure Optimization	<b>C2C Silver Level (Version 3.1)</b>

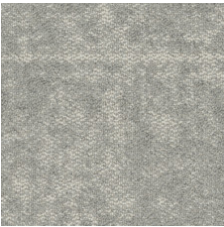
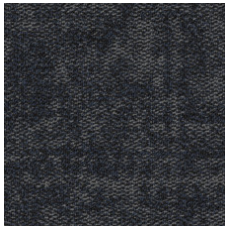
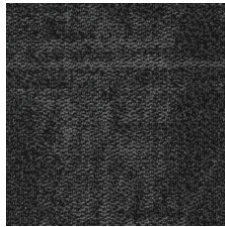
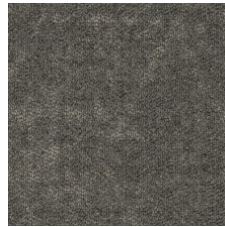
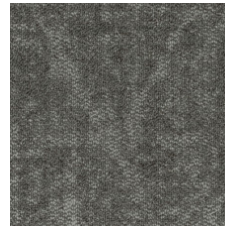
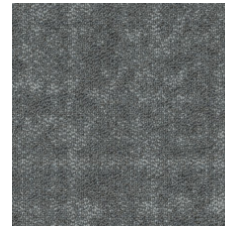
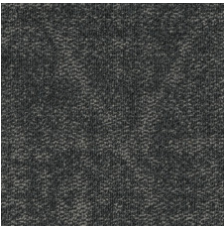
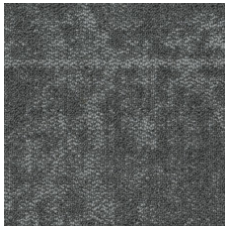
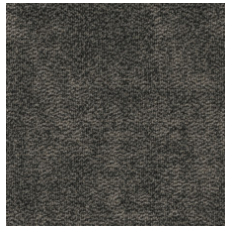
## Leed v4 Contribution Credits

MR Credit: Building Product Disclosure and Optimization Material Ingredients - Option 1: Material Ingredient Reporting	<b>C2C Silver Level (Version 3.1)</b>
MR Credit: Building Product Disclosure and Optimization Material Ingredients - Option 2: Material Ingredient Optimization	<b>C2C Silver Level (Version 3.1)</b>

## Memberships

WGBC Framework	<b>WGBC Framework</b>
UKGBC	<b>UKGBC</b>
Emirates Green Building Council	<b>Emirates Green Building Council</b>
Chemsec	<b>Chemsec</b>

## Light Reflectance Value

					
Marble 53100 LRV 27.4   L* 59.35	Azurite 53485 LRV 3.3   L* 21.22	Granite 53500 LRV 3.4   L* 21.73	Mica 53518 LRV 9.4   L* 36.74	Mortar 53530 LRV 13   L* 42.74	Limestone 53535 LRV 13.1   L* 42.86
					
Anthracite 53555 LRV 6.5   L* 30.68	Chromite 53580 LRV 10   L* 37.93	Mix 53597 LRV 7   L* 31.89			

## Additional Information

\*\*Manufactured in ISO 9001 certified facility. Meets or exceeds all local and national regulations in country of manufacture.

[Installation Guidelines](#)

[Maintenance Guidelines](#)

[lifetime commercial limited](#)

Specifications are subject to nominal manufacturing variance. Material supply and/or manufacturing processes may necessitate changes without notice.

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