

Illusion Ecoworx S® Tile

Style Number	5T575	
Collection	Kindred	
Product Type	Carpet Tile	
Construction	Standard	Data + Performance
Type of Manufacture	ISO 2424	tufted 1/10"   39.4 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	5.8 mm
Effective Pile Thickness	ISO 1766	1.8 mm
Total Mass	ISO 8543	2825 g/m²
Nominal Total Pile Mass	ISO 2424	640 g/m²
Effective Pile Mass	ISO 8543	245 g/m²
Pile Density	ISO 8543	0.134 g/cm³
Total Recycled Content		53% (pre-consumer 53%   post-consumer 0%)

Performance

Number of Tufts	ISO 1763	129,000/m²   32.8 per 10 cm
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 αW   Class E
Thermal Resistance m² K/W	ISO 8302	0.070 M² K/W Tog 0.70
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 Intensive USe

Lifetime 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

Monolithic

Quarter Turn

Brick

Ashlar

Random

26 dB    0.20 αw

Coordinating Products

Carpet Tile: **Memory Comfortworx® Tile, Dream Comfortworx® Tile, Belong Comfortworx® Tile, Together Comfortworx® Tile, Illusion Comfortworx® Tile, Belong Taskworx® Hexagon Tile, Together Hexagon Taskworx® Tile, Dream Taskworx® Tile, Belong Taskworx® Tile, Memory Taskworx® Tile, Together Taskworx® Tile, Illusion Taskworx® 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 & Environmental Certifications

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

Cradle to Cradle Certified®	Silver Level (Version 3.1)
Environmental Product Declaration (EPD)	3rd Party Certified in Accordance with ISO14044, ISO14025 & EN15804
Embodied Carbon (Cradle to Gate)	4.14 kg CO <sub>2</sub> /m <sup>2</sup>
Life-Cycle Carbon Emissions	Carbon Neutral
Environmental Guarantee*	Take Back Policy Offered For All Ecoworx S® Products
Country of Origin**	United Kingdom
BREEAM Contribution Credit	Certificate of Approval Schools/Offices/Health/Industrial Shed Retail

WELL V2 Contribution Credit

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

Leed v4 Contribution Credits

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

Memberships

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

## Light Reflectance Value

Hearten-Golden 48211 LRV 16.2   L* 47.18	Sense-Comfort 48323 LRV 11.0   L* 39.65	Hearten-Greener 48370 LRV 12.4   L* 41.78	Sense-Serene 48486 LRV 10.7   L* 39.04	Rainstorm-Heart 48515 LRV 13.4   L* 43.42	Hearten-Greige 48516 LRV 17.0   L* 48.28
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Sense-Rainstorm 48536	Greige-Apricot 48675 LRV 19.8   L* 43.75	Greige-Rosewood 48870 LRV 18.9   L* 50.56
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## 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 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.

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May 11, 2025

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