

Diffuse Strataworx

Product Type	Carpet Tile
Collection	Diffuse + Disperse
Style Number	5T419
Construction	Multi-Level Pattern Loop
Fibre	Ecosolution Q® Nylon
Dye Method	100% Solution Dyed
Primary Backing	Synthetic
Secondary Backing	Strataworx® Tile
Protective Treatments	SSP® Shaw Soil Protection
Recommended Adhesive	LokDots, 3000 Carpet Tile 4 Gallon, 3000 Carpet Tile 1 Gallon, 4151 Multi-Use Carpet Tile 4 Gallon, 5000 Carpet Tile 1 Gallon, LokWorx Adhesive Tabs, 3800 Indoor Outdoor Carpet Tile 4 Gallon or 5000 Carpet Tile 4 Gallon

	u.s.	metric
Product Size	24 in x 24 in	61 cm x 61 cm
Area Per Box	80 ft²	7.43 m²
Pieces Per Box	20 pcs	
Gauge	1/12 in	47.2 per 10 cm
Stitches	8.5 per in	34.0 per 10 cm
Finished Pile Thickness	0.092 in	2.34 mm
Average Density	6261 oz/yd³	0.232 g/cm³
Kilotex		9.23
Total Thickness	0.230 in	5.84 mm
Tufted Weight	16 oz/yd²	542.5 g/m²



Recommended Installation Method



Data + Testing

Radiant Panel (Astm E648)	Class I
Nbs Smoke	Less Than 450
Electrostatic Propensity	Less Than 3.5 kv
Cri Green Label Plus (Glp)	GLP2671
Pill Test	Pass*
Ada Compliance	>0.6, Meets the recommended static coefficient of friction for ADA walking surfaces and accessible routes***

Test Reports may be included or listed by the manufacturing/inventory style number as opposed to the noted selling style number.

Coordinating Products

Carpet Tile: **Diffuse 24x24 Ecologix®, Diffuse 24x24 Ecoworx®, Disperse 24x24**

Attributes + Certifications

Certifications Below Apply Exclusively To The Carpet Tile Rug Itself And Not The Lokworx Tabs Adhesive

Health & Wellbeing

Material Ingredient Transparency

Cradle to Cradle Certified® | Silver Level (Version 3.1)
Health Product Declaration (HPD) | 1,000 ppm Disclosure
Living Building Challenge (LBC) | Free of Red List Chemicals
Declare | LBC Compliant
NSF 140 | Gold
CRI Green Label Plus (GLP) | GLP2671

Indoor Air Quality

Climate Impact

Environmental Product Declaration (EPD)

3rd Party Certified in Accordance with ISO14044, ISO14025 & EN15804
7.5 kg CO₂/m²

Embodied Carbon (Cradle to Gate)

Low Embodied Carbon

Life-Cycle Carbon Emissions

23% (Pre-Consumer 23% | Post-Consumer 0%)

Total Recycled Content

100% Recyclable

Product Packaging

Global Product Assessment

Singapore Green Label | Certified
Environmental Guarantee* | Re[turn] Reclamation Program* | Pickup & Delivery Available
Country of Origin | USA**

Well V2 Contribution Credit

X08 Hazardous Material Reduction Part 1: Limit Hazardous Materials Optimization – 1 pt

C2C Silver Level (Version 3.1)

X10 Volatile Compound Reduction Part 1 (A): Manage Volatile Organic Compounds (VOCs) Optimization – 1 pt

C2C Silver Level (Version 3.1)

X11 Long Term Emissions Control Part 2: Flooring Optimization – 1 pt

Green Label Plus Certification: GLP2671

X13 Enhanced Material Precaution Part 1: Select Optimized Materials Optimization – max 2 pts

C2C Silver Level (Version 3.1)

X14 Material Transparency Part 1: Promote Ingredient Disclosure Optimization – max 2 pts

C2C Silver Level (Version 3.1)

Leed Contribution Credit

MR Credit: Building Product Disclosure and Optimization
Environmental Product Declarations - Option 1: Environmental Product Declaration (EPD)

3rd Party Certified in Accordance with ISO14044, ISO14025 & EN15804

MR Credit: Building Product Disclosure and Optimization
Material Ingredients - Option 1: Material Ingredient Reporting

HPD (Version 2.1) or C2C Silver Level (Version 3.1)

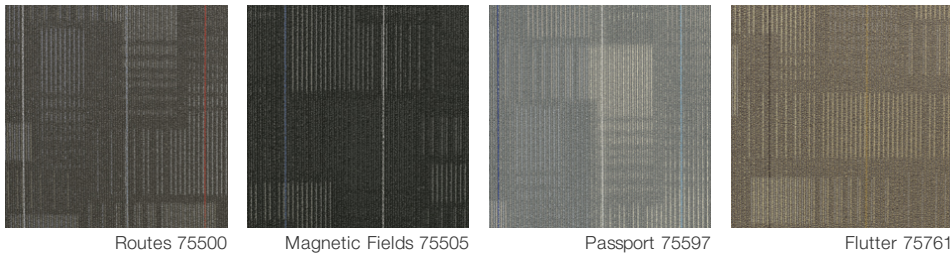
MR Credit: Building Product Disclosure and Optimization
Material Ingredients - Option 2: Material Ingredient Optimization

C2C Silver Level (Version 3.1)

EQ Credit: Low Emitting Materials
Option 1: Product Category Calculations

Green Label Plus Certification: GLP2671

Available Colorways



Routes 75500

Magnetic Fields 75505

Passport 75597

Flutter 75761

Additional Information

* To learn more about the recyclability of our products and our Environmental Guarantee, please visit shawcontract.com/sustainability.

**Meets or exceeds all local and national regulations in country of manufacture.

***This carpet is manufactured to be ADA compliant, but to be fully ADA compliant, the end-user must ensure the carpet is adhered to the floor and installed as outlined in the ADA standards.

[Installation Guidelines](#)

[Maintenance Guidelines](#)

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 shawcontract.com/testing for more information.

