

ARCTIC SURVEY

Isotherm – Eco Low Embodied Carbon Version

Modular Tile

Construction

Tufted, Multi-Level Loop

Tile Size

25 cm x 1 m (9.85" x 39.4")

Yarn Type

Universal Fibers® Solution-Dyed
Recycled Nylon

Stain Resist / Soil Release

StainSmart®

Dye Method

Solution Dyed

Tufted Face Weight

30.0 oz/yd² (1017.2 g/m²)

Gauge

1/12

Stitches Per Inch

12.6

Tufts

151.0/in² (2,339/100 cm²)

Finished Pile Thickness

0.150" (3.81 mm)

Average Density (Finished)

5,781

Standard Backing

PVC-Free WellBAC® Comfort Cushion
Available with TractionBack®

Recycled Content by Total Weight

Standard Backing NSF 140 Gold:
60.0% Pre-Consumer, 0.0% Post-Consumer
NSF 140 Platinum Backing Option:
49.9% Pre-Consumer, 10.1% Post-Consumer

Embodied Carbon

8.3 (kg CO₂e)/m²

Nominal Total Thickness

0.400" (10.2 mm)

Nominal Total Weight

107.0 oz/yd² (3,628 g/m²)

Flammability (Radiant Panel

ASTM-E-648)

≥ 0.45 (Class I)

Smoke Density (NFPA-258-T or

ASTM-E-662)

≤ 450

Methenamine Pill Test (CPSC FF-1-70

or ASTM D 2859

Self-Extinguishing

Lightfastness (AATCC 16E)

≥ 4.0 at 80 Hours

Crocking (AATCC 165)

≥ 4.0 Wet or Dry

Static Electricity (AATCC-134) 20%

R.H., 70° F.

≤ 3.5 KV, Permanent Conductive Fiber

Texture Appearance Retention Rating (TARR)

Severe Traffic End-Use Applications

Recommended Maintenance

MilliCare® Textile and Carpet Care
Service Network

Indoor Air Quality—CRI Green Label Plus™

GLP7205, Carpet Category 13X

Recommended Installation Method(s)

Planks

WARRANTIES

Lifetime Face Fiber Wear

Lifetime Antistatic

Lifetime Floor Compatibility

Lifetime Color Pattern Permanency

Lifetime Floor Release

Lifetime Cushion Resiliency Lifetime Moisture

Resistance Lifetime Delamination of Backing

Lifetime Staining/Soiling (StainSmart®)

Lifetime Dimensional Stability

Lifetime Tuft Bind

Lifetime Edge Ravel

Flammability



Declare.



This cushion-back carpet tile product is covered by one or more patents, published applications and/or patents pending. Specifications are subject to normal manufacturing tolerances and may be changed without prior notice. Copies of actual test results are available upon request.