

Product Characteristic: Aurora Motivate

Construction

Calendered Rubber Sheet fusion bonded to a Vulcanized Composition Rubber (VCR) backing

Total Thickness

0.27" (7mm)

Wear Layer

PUR coating

Surface Layer

2mm Calendered Rubber

Base Layer

5mm Vulcanized Composition Rubber

Width

4' 10" (1.47 m)

Roll Length

30 LF

Colors

14

Packaging

145 ft² per roll

Weight

1.48 lbs/ft² (7226 g/m²)

Warranty

Limited 5 Year Warranty

Contact

Contact your Ecore Sales Representative or visit www.ecoreintl.com for more information.

Note: Visuals or color may vary from roll to roll. These variations do not affect the physical properties of the product.

Installation Information

Adhesive

E-Grip III - Full Spread, One-Part Urethane, up to 85% Relative Humidity (RH)

E-Grip Tape - Immediate Use, up to 80% RH

E-Grip 95 - Full Spread, One-Part Urethane, up to 95% RH

E-Grip 99 - Full Spread, One-Part Modified Urethane, up to 99% RH

Seam Method

Heat weld: Welding rod under this specification shall be an Aurora thermoplastic weld rod (3mm) distributed by Ecore.

Sanitary Base

Sanitary Wall base under this specification shall be Sanitary Wall Base distributed by Ecore used with 4mm VCR underlayment.

Adhere with Ecore E-Flash Tape. Heat weld flat seams and cold weld vertical seams.

Material: Proprietary thermoplastic rubber formulation

Dimensions: 2.8mm thick x 25 LF coils; 4" high with 2" toe

Flash Cove

Flash Cove under this specification shall be unbacked Ecore Aurora (2mm calendered rubber) used with 5mm VCR underlayment. The flash cove shall be adhered with Ecore's E-Flash Tape, and shall use a 1-1/4" cove stick. Heat weld all seams.

Test Results

PERFORMANCE

Static Load Limit	ASTM F970	0.003" @ 250 psi.
Static Load Limit	ASTM F970 Modified	0.003" (@1000 psi) after 96 hours
Dynamic Rolling Load	ASTM F2753	Good; 10,000 cycles - 231 lbs.
Chemical Resistance	ASTM F925	Pass
Abrasion Resistance	ASTM D3389 / EN 649	Pass
Dimensional Stability	ASTM F2199	+ or - 0.04%
Vertical Deformation	Deltec Field Tester	1.1 mm
Shore A Hardness	ASTM D2240	>85
Chair Casters	ASTM D6962 / EN985	Good; 10,000 cycles - 231 lbs.
Resistance to Light	ASTM F1515	Δ E ≤ 8.0
Resistance to Heat	ASTM F1514	Δ E < 8.0 Pass

SAFETY

Coefficient of Friction	ASTM D2047	≥0.5
Behavior to Fire	ASTM E648	Class 1 (0.58 W/cm ²)

ERGONOMICS

Force Reduction	Deltec Field Tester	11.20%
Energy Restitution	Deltec Field Tester	67.40%

ACOUSTICS **Tested on a 6" concrete slab with no ceiling.*

Impact Insulation Class (IIC)	ASTM E492	52
Delta IIC*	ASTM E2179	24
Floor Impact Sound	ASTM E3133	77.4 dBA
Airborne Sound (STC)	ASTM E90	53

Environmental Information

VOC Compliant

CA01350, Pass

Recycled Content

Contains 60% post-consumer recycled content

Indoor Air Quality

FloorScore Certified; CDPH v1.2-2017

Product Declarations

EPD, HPD

LEED Scoreboard

v4: Building Product Disclosure & Optimization - EPDs; Building Product Disclosure & Optimization - Sourcing Raw Materials; Building Product Disclosure and Optimization-Material Ingredients, Construction and Demolition Waste Management, Low Emitting Materials

mindful Materials

Mindful Materials: Visit mM Origin website, mindfulmaterials.origin.build, for current transparency information

Manufacturing

York, PA (USA)