

Product Characteristic: Aurora Rx

Construction

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

Total Thickness

0.27" (7mm)

Wear Layer

PUR coating

Surface Layer

2mm PVC-free 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

See ECOsurfaces Warranty Guide for more information.

Contact

Contact your ECOsurfaces Sales Representative or visit www.ecosurfaces.com/Products/Rx/Aurora 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

ES-90 - Full Spread, One-Part Urethane, up to 90% Relative Humidity (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
E-Grip Tape - Immediate Use, up to 80% RH

Seam Method

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

Sanitary Base

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

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

Typical Test Results

PERFORMANCE

Recovery after Static Load	ASTM F970	0.003"
Recovery after Static Load	ASTM F970 Modified	0.003" (@1000 psi) after 96 hours
Dynamic Rolling Load	ASTM F2753	No change no damage @10,000 cycles
Chemical Resistance	ASTM F925	Good, no change
Abrasion Resistance	ASTM D3389 / EN 649	Pass
Dimensional Stability	ASTM F2199	+ or - 0.4%
Vertical Deformation	Deltec Field Tester	1.1 mm
Hardness (Shore A)	ASTM D2240	85
Chair Casters	ASTM D6962 / EN985	No change no damage @10,000 cycles
Resistance to Light	ASTM F1515	Pass
Resistance to Heat	ASTM F1514	Pass

SAFETY

Coefficient of Friction	ASTM D2047	≥0.5
Flammability-Critical Radiant Flux	ASTM E648	Class I

ERGONOMICS

Force Reduction	Deltec Field Tester	11.2%
Energy Restitution	Deltec Field Tester	67.4%

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
Sound Transmission Class (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)