

## Product Characteristic: Aurora

### 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 ft<sup>2</sup> per roll

### Weight

1.48 lbs/ft<sup>2</sup> (7226 g/m<sup>2</sup>)

## Warranty

Limited 5 Year Warranty

## Contact

Contact your Ecore Sales Representative or visit [www.ecorecommercial.com/Products/Rx](http://www.ecorecommercial.com/Products/Rx) 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

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

### SAFETY

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

### ERGONOMICS

<b>Force Reduction</b>	Deltec Field Tester	11.20%
<b>Energy Restitution</b>	Deltec Field Tester	67.40%

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

<b>Impact Insulation Class (IIC)</b>	ASTM E492	52
<b>Delta IIC*</b>	ASTM E2179	24
<b>Floor Impact Sound</b>	ASTM E3133	77.4 dBA
<b>Airborne Sound (STC)</b>	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](http://mindfulmaterials.origin.build), for current transparency information

### Manufacturing

York, PA (USA)