

Product Characteristic: Forest Rx, Strait Rx, Cosmos Rx, Infinity Rx, & Crossings Rx

Construction

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

Total Thickness

0.27" (7mm)

Wear Layer

PUR Enhanced Vinyl Wear Layer

Surface Layer

2mm Heterogeneous Sheet Vinyl

Base Layer

5mm Vulcanized Composition Rubber

Width

6' (1.83 m)

Roll Length

Standard: 30 LF; Maximum: 45 LF; custom roll lengths available

Colors

Forest Rx: 17; Strait Rx: 6; Cosmos Rx: 6; Infinity Rx: 9; Crossings Rx: 8

Packaging

Standard: 180 ft² per roll; Packaging varies for custom roll lengths

Weight

1.40lbs/ft² (6130g/m²)

Warranty

Limited 5 Year Warranty

Contact

Contact your ECOsurfaces' Sales Representative or visit www.ecosurfaces.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 a vinyl weld rod distributed by Ecore. (3mm x 328 LF)

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 Vinyl Rx (2mm) 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	0.004" (@400 psi)
Static Load Limit	ASTM F970 Modified	0.004" (@1,000 psi) after 96 hours
Dynamic Rolling Load	ASTM F2753	10,000 cycles, No Damage, No Change
Chemical Resistance	ASTM F1303-99	Excellent
Abrasion Resistance	EN 649/EN ISO 10582	Group T / Type 1
Dimensional Stability	ASTM F2199	+ or - 0.4%
Vertical Deformation	ASTM F2772	0.72mm (Class B)
Light Fastness	ISO 105-B02 (Method 3)	> 6
Resistance to Light	ASTM F1515	Pass
Resistance to Heat	ASTM F1514	Pass

SAFETY

Indoor Sports Floor	ASTM F2772	Class 1
Coefficient of Friction	ASTM D2047	> 0.6
Behavior to Fire	ASTM E648	Class 1

ERGONOMICS

Force Reduction	Deltac Field Tester	11.50%
Energy Restitution	Deltac Field Tester	72.00%

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

Impact Insulation Class (IIC)*	ASTM E492	52
Delta IIC*	ASTM E2179	23
Floor Impact Sound	ASTM E3133	77 dBA
Airborne Sound (STC)	ASTM E90	56

Environmental Information

VOC Compliant

CA01350, Pass

Recycled Content

Contains 65% 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)