

## 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

27 mil 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 ft<sup>2</sup> per roll; Packaging varies for custom roll lengths

### Weight

1.40lbs/ft<sup>2</sup> (6130g/m<sup>2</sup>)

## Warranty

See ECOsurfaces Warranty Guide for more information.

## Contact

Contact your ECOsurfaces' Sales Representative or visit [www.ecosurfaces.com/Products/Rx](http://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

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 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.

## Typical Test Results

### PERFORMANCE

Recovery after Static Load	ASTM F970 Modified	0.004" (@400 psi)
Recovery after Static Load	ASTM F970 Modified	0.004" (@1,000 psi) after 96 hours
Dynamic Rolling Load	ASTM F2753	No Damage, No Change (@10,000 cycles)
Chemical Resistance	ASTM F925	Excellent
Abrasion Resistance	ASTM D3389	Pass
Dimensional Stability	ASTM F2199	+ or - 0.4%
Vertical Deformation	ASTM F2157	0.72mm (Class B)
Resistance to Light	ASTM F1515	Pass
Resistance to Heat	ASTM F1514	Pass

### SAFETY

Indoor Sports Floor	ASTM F2772	Class I
Coefficient of Friction	ASTM D2047	> 0.6
Flammability-Critical Radiant Flux	ASTM E648	Class I

### ERGONOMICS

Force Reduction	Deltec Field Tester	11.50%
Energy Restitution	Deltec 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
Sound Transmission Class (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](http://mindfulmaterials.origin.build), for current transparency information

### Manufacturing

York, PA (USA)