

E-Grip III Technical Data Sheet

Adhesive Type One-part polyurethane

Approved Flooring Types Vulcanized Composition Rubber

Approved Substrates Concrete, Portland-based patching and self-leveling materials, wood, and

APA underlayment grade plywood.

Substrate Testing Max RH – 85% per ASTM F2170

pH - 7-9

Substrate Preparation

- 1. Subfloors shall be dry, clean, smooth, level, and structurally sound. They should be free of dust, solvent, paint, wax, oil, grease, asphalt, sealers, curing and hardening compounds, alkaline salts, old adhesive residue, and other extraneous materials, according to ASTM F710.
- 2. Subfloors should be smooth to prevent irregularities, roughness, or other defects from telegraphing through the new flooring. The surface should be flat to the equivalent of 3/16" (4.8 mm) in 10' (3.0 m).
- 3. Mechanically remove all traces of old adhesives, paint, or other debris by scraping, sanding, or scarifying the substrate. Do not use solvents.
- 4. All saw cuts (control joints), cracks, indentations, and other non-moving joints in the concrete must be filled with a Portland-based patching compound, allowed to fully cure with high spots corrected prior to adhesive application.
- 5. Expansion joints in the concrete are designed to allow for expansion and contraction of the concrete. If a floor covering is installed over an expansion joint, it will likely fail in that area. Use expansion joint covers designed for resilient flooring.
- 6. The substrate, adhesive and flooring must be acclimated in a weather tight building and maintained at a minimum uniform temperature of 65°F (18°C) for at least 72 hours before, during and after the installation.

Precautionary note:

- 1. Concrete must be placed in strict accordance with applicable standards and specifications and must be fully cured for 28 days.
- 2. Flooring must be acclimated per manufacturer's guidelines.
- The selected Portland-based patching and self-leveling materials must be moisture resistant and rated to withstand the RH moisture levels on the project.

Application Instructions

E-Grip III may only be used as a wet-set adhesive. Follow applicable Ecore Technical Manual.

- 1. Spread adhesive using trowel per chart below.
- 2. Install flooring immediately after adhesive is spread.
- 3. Roll and cross roll floor with a 75-100 lb. (34-45 kg) roller to ensure proper transfer of adhesive.



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Flooring	Trowel Size (images not to scale)		Estimated Coverage
Vulcanized Composition Rubber	1/16" x 1/32" x 1/32" U-notch		140 SF/Gal
	1/16" square notch		95 SF/Gal
	1/8" sq. notch		60SF/Gal

Trowel dimensions are width X depth X spacing. Coverage is approximate and may vary depending on porosity of substrate and the angle at which the trowel is held. It is the sole responsibility of the contractor/ installer to determine the proper porosity of the subfloor, apply the proper amount of adhesive for the job conditions and ensure that all instructions, procedures and practices are strictly adhered to.

Cleaning Instructions

While product is still wet: Use mineral spirits or denatured alcohol and lightly rub to remove. Follow with a rag, wet with water, to remove the denatured alcohol/ mineral spirits.

Storage

E-Grip III should be stored at temps between 50-90°F (15-32°C). While this product is freeze-thaw stable, it is recommended to protect from freezing.

Caution

Refer to SDS info. USE PPE. DO NOT take internally. If swallowed DO NOT induce vomiting. KEEP OUT OF REACH OF CHILDREN.

Material	E-Grip III is a one-part urethane, moisture cured, permanently elastic adhesive that has excellent adhesion to Vulcanized Composition Rubber, concrete, and wood.	
Adhesive Type	One-part urethane	
Curing Method	Moisture cured	
Color	Gray	
Consistency	Smooth	
VOC (g/L) - SCAQMD Rule#1168	< 0.1 g/L	
Freeze/Thaw	Stable	
Application Temperature	40° F - 100° F	
Shelf Life	12 months	
Relative Humidity (RH) - ASTM F2170	Maximum 85% RH	
Open Time / Working Time	0 Min / 30-45 minutes	
Cure Time	Light walking traffic 24 hours Heavy foot traffic 48 hours Rolling Loads 72 hours	
Trowels / Coverage Rate	1/16" x 1/32" x 1/32" U-notch / 140 sq ft / gal 1/16" square notch / 95 sq ft / gal. 1/8" square notch / 60 sq ft / gal	
Substrate pH	7-9	
Antimicrobial	Yes	
CA 01350 certified	Yes	

Ecore's written pre-installation & installation instructions must be followed or warranty will be void.