

E-GRIP EVOLVE FLOORING ADHESIVE TECHNICAL DATA SHEET

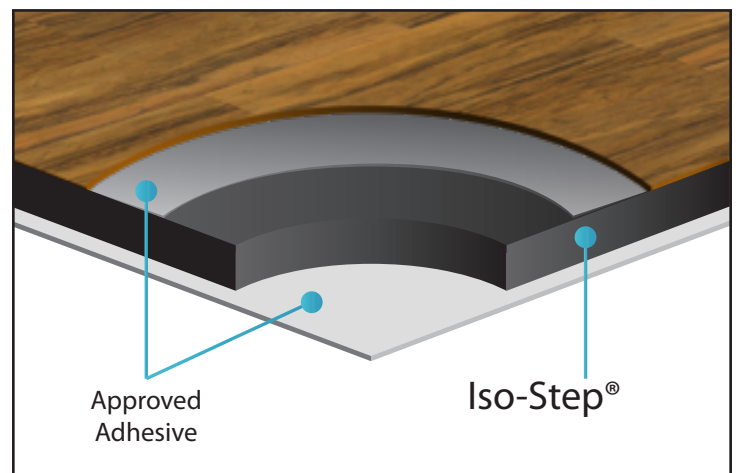


DESCRIPTION

E-Grip Evolve flooring adhesive is a high performance adhesive designed specifically for installing 2mm and 5mm thicknesses of Iso-Step[®] rubber acoustic underlayments to the subfloor (*note: use E-Grip III when working with 10mm and 12mm thicknesses of Iso-Step[®] underlayment*). This premium adhesive works especially well when installing Luxury Vinyl Tile (LVT) tiles and planks with rubber floor underlayments. With its strong, durable, moisture-resistant and alkali-resistant bond, it is ideal for commercial applications. E-Grip Evolve has an excellent open time, develops strength quickly, performs well under rolling loads and resists indentation. Its low volatile organic content makes it ideal for use in occupied buildings.

TECHNICAL CHARACTERISTICS

- SIZE:** 4 gallons
- COLOR:** Off-White
- ANTIMICROBIAL:** Yes
- ADHESIVE TYPE:** Vinyl Acrylic Polymer
- ADHESIVE CURE SYSTEM:** Moisture-cured
- FREEZE/THAW STABILITY:** Protect from freezing
- VOC CONTENT:** 0.28 lbs./gallon
- CONSISTENCY:** Creamy
- DENSITY:** 8.3 lbs./gallon
- MAXIMUM RH:** 80% RH Diminishing
- FLASHPOINT:** > 212 degrees F
- SHELF LIFE:** 2 years stored at 73 degrees F



COVERAGE CHART		
Trowel Size	Trowel Type	Approx. Coverage
1/16" x 1/16" x 1/16"	Square Notch	100 to 125 sq. ft./gal.
1/32" x 1/16" x 1/32"	U-notch	150 to 200 sq. ft./gal.

Coverage shown is for estimating purposes only. Actual job site coverage may vary according to substrate conditions and setting practices.



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APPLICATION CHARACTERISTICS

MATERIAL	FLASH TIME *	WORKING TIME **
Over Porous Substrates		
Permanent Bonding (Rubber)	0 min.	30 min.
Permanent Bonding (LVT)	15-30 min. OR until adhesive valley is clear and adhesive ridges are wet to the touch	15-30 min.
Over Non-Porous Substrates		
Permanent Bonding (Rubber)	0 min.	30-45 min.
Permanent Bonding (LVT)	30-45 min. OR until adhesive valley is clear and adhesive ridges are wet to the touch	30-45 min.
<p>*Flash Time: The amount of time recommended for the adhesive to remain exposed to the air and still effectively bond to the floor covering.</p> <p>**Working Time: The maximum amount of time that an adhesive can remain exposed to the air and still effectively bond to the floor covering.</p> <p>NOTE: Flash and working times may vary based on temperature, humidity, substrate porosity, trowel size and job site conditions.</p>		



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SUITABLE SUBSTRATES

Exterior grade plywood, Group 1, type CC or other approved wood underlayments per manufacturers recommendations. Concrete and properly prepared cement terazzo. Portland-based self-leveling underlayments and patching compounds. Embossing levelers applied over existing, properly prepared and dully bonded ceramic tile and fully bonded VCT (Limit 1 layer). For Iso-Step®, properly prepared and primed gypsum underlayments that meet the ASTM F2419 requirements for compressive strength. Contact flooring manufacturers for complete guidelines on suitable substrates.

SURFACE PREP

All substrates must be clean, structurally sound, dry, solid and stable. Substrate should be clean and free of dust, dirt, oil, grease, paint, curing agents, concrete seals, loosely bonded toppings, loose particles, and old adhesive residue per the ASTM F-710 standards. All surfaces must be level, even, flat and smooth per the flooring manufacturers recommendations.

LIMITATIONS

- Do not install over substrates containing asbestos
- For interior installation only
- Do not apply over existing adhesive residue
- Use only when substrate temperature is between 65 degrees F and 90 degrees F
- Protect from freezing
- Follow flooring manufacturer's instructions for installation and substrate preparation

