

- RESIDENTIAL |
 MULTIFAMILY |
 LIGHT COMMERCIAL |
 HEAVY COMMERCIAL

DESCRIPTION

Primes for an effective adhesive bond to subfloor. Protects against alkali attack. Apply after appropriate moisture protection.

APPROVED SUBSTRATES & SURFACES

- APA underlayment-grade plywood and OSB.
- Association-grade particleboard.
- Cement backer board.
- Cementitious and anhydrite screeds
- Concrete and radiant heated subfloors that do not exceed 85°F (30°C).
- Gypsum and lightweight concrete.
- Well-bonded residue from cutback adhesives multipurpose, latex, and pressure sensitive adhesives

SUBSTRATE TESTING

Coatings	One Coat	Two Coats
RH [ASTM F2170]	93% RH	95% RH
pH [ASTM F710]	NTR (5-14 pH)	NTR (5-14 pH)
MVER [ASTM F1869]	10 lbs MVER	15 lbs MVER
Porosity [ASTM F3191]	Must Pass, CSP 1+	Must Pass, CSP 1+

SUBSTRATE & SURFACE PREPARATION

- All substrates must be prepared per ASTM F710 standards including, but not limited to the following:
 - Concrete floors must be dry, clean, smooth, flat, and structurally sound. They shall be free of any foreign materials that might prevent proper absorption, including dust, dirt, solvent, paint, wax, oil, grease, residual adhesive, adhesive removers, incompatible sealers, fire-retardant chemicals, fungicides, release agents, alkaline salts, excessive carbonation, laitance, mold, mildew, and curing, sealing, hardening or parting compounds, or unapproved mixtures.
 - Fill all surface cracks, grooves, depressions, control joints and non-moving joints with moisture resistant patching and self-leveling compounds, allow to fully cure and correct high spots before application.
- The substrate, product (Trilogy), adhesives, and flooring must be acclimated in an enclosed building with the HVAC operational between 60-95°F (15.5-35°C), and between 30-65% relative humidity, for at least 72 hours before, during, and permanently after the installation.

Precautionary Notes:

- Ensure the following based on Trilogy's intended use. When used as a(n)...
 - **Primer**, follow steps 1 and 2 above.
 - **Moisture vapor barrier**, follow steps 1, 2, and NOTE that substrate must be porous (per ASTM F3191) and prepared properly (per ASTM F710).
 - **Encapsulator** when well-bonded acrylic latex, cutback adhesives, or adhesive residue is encountered, follow steps 1 and 2. NOTE: Knock down adhesive ridges and high spots to a smooth thin film and remove any loose material prior to the application.

Precautionary Notes: (continued)

- Concrete must be placed in strict accordance with applicable standards and specifications. An intact moisture vapor retarder must be present below the concrete (see ASTM E1745), must be fully cured (at least 45 days), without hydrostatic pressure, without pressurized liquid from any source, and free of surface alkaline salt crystallization.
- Concrete must be a minimum of 2,500 psi and without visible or standing water.

APPLICATION INSTRUCTIONS

Follow flooring manufacturer's guidelines for layout, design and any special precautions for installation.

- Spread product** using required tool. When used as a moisture vapor barrier, product can be used as a 1- or 2-coat system.
 - When used as a 2-coat system, allow the first coat to fully cure before applying the second coat (always apply the second coat perpendicular to the first coat).
 - Cure time ~1-2 hours per coat under acceptable temperature and humidity conditions.
- Apply adhesive.** We recommend using Urban Surfaces' Prism or Everlast with this product (see technical data sheets for complete application instructions of these products).
- Install flooring.** Follow all manufacturer's guidelines and installation procedures.

Precautionary Notes:

- Allow product to fully cure before applying adhesive, making sure there is no residual tack prior to installation.
- Trilogy cannot be used as both a moisture barrier and encapsulator simultaneously.
- When used as a moisture barrier, substrate must be porous (ASTM F3191) and free of contaminates (ASTM F710).
- Reseal lid when not in use to protect product.

CLEANING INSTRUCTIONS

- **While product is still wet:** Use a damp cloth and water to remove.
- **While product is still soft:** Use a remover/stripper, denatured alcohol or mineral spirits. Always check compatibility on a piece of scrap flooring.

STORAGE

This product should be stored at temperatures between 50-90°F (15-32°C). PROTECT FROM FREEZING. Shelf life: 2 years.

CAUTION

DO NOT take internally. If swallowed, DO NOT induce vomiting. Call a physician immediately. KEEP OUT OF REACH OF CHILDREN.

WARRANTY INFORMATION

For warranty information, call Technical Services (toll-free) at **(800) 492-8722** and visit us online at **urbansurfaces.com**. Urban Surfaces' written pre-installation and installation instructions must be strictly followed or the Urban Surfaces warranty will be rendered void.

REQUIRED TOOLS AND COVERAGE

APPROVED INSTALLATION TYPES	TOOLS*	ESTIMATED COVERAGE**
For Use Under All Applicable Urban Surfaces' Gluedown and Looselay Flooring Types	 3/8" Short Nap Paint Roller	~ 350 sqft/gal (1 coat) ~ 200 sqft/gal (2 coats)

*It is the sole responsibility of the contractor/installer to determine the proper porosity of the subfloor, apply the correct amount of adhesive for the job conditions and ensure that all instructions, procedures and practices are strictly adhered to. **Coverage is approximate and may vary depending on porosity of substrate.

PRODUCT CHARACTERISTICS

Product Classification	Up to 95% Moisture Vapor Barrier, Or Encapsulator, Or Primer Coating
Base Chemistry	Synthetic Latex Blend
Curing Method	Evaporation
Appearance/Color	Milky White (Wet), Clear/Translucent (Dry)
Odor	Extremely Low
Consistency	Light, Low Viscosity Liquid
Application	Easy-Rolling
Flammability	Non-Flammable
Freeze/Thaw	Protect From Freezing
Shelf Life [Unopened Container at 70°F]	2 Years

TESTING

Moisture Control	Protects Flooring From 93% (1 Coat) or 95% (2 Coats), Substrate Moisture Vapor
RH [ASTM F2170]	93% (1 Coat), 95% (2 Coats)
pH	No Testing Required (5-14)
MVER [ASTM F1869]	10 lbs (1 Coat) 15 lbs (2 Coats)
Porosity [ASTM F3191]	Must Pass, (CSP 1+)

TIME

Open Time	N/A
Flash Time	N/A
Working Time	N/A
Cure Time	1 hour per Coat
Pot Life	N/A

TRAFFIC

Light Traffic	N/A
Heavy Traffic	N/A
Rolling Loads	N/A

ACCOUSTICS*

STC	N/A
IIC	N/A
Delta ΔIIC	N/A

SUSTAINABILITY

Solvents	No
Isocyanates	No
VOC Wet Applied [g/L] [SCAQMD Rule #1168]	0 g/L
Bio-Based Content	No
Post-Consumer Recycled Content	No
Mineral Abundant Content	No
LEED v4/4.1 Points	Contributes to Low Emitting Materials
Certifications	FloorScore
Transparency	USGBC Member

WARRANTY**

Duration	10-Year Performance Warranty
Coverage	93-95% Substrate Moisture Vapor OR Bond