



38325 6th Street East
Palmdale, CA 93550 USA
Telephone 1-661-273-8700
Web: CartwheelFactory.Com
Email: Sales@CartwheelFactory.com

Eagle Grip

Single Component – Trowel Applied

Moisture-Cured Urethane Adhesive

Specifically Formulated for the Installation of Rubber Flooring

Proudly Manufactured in the USA

DESCRIPTION

CWF Flooring, Inc.'s Eagle Grip is a single component, trowel applied, moisture barrier adhesive specifically formulated for the installation of rubber flooring. Eagle Grip requires no moisture testing saving you time and money. It is not adversely affected by exposure to moisture or water; its superior properties provide a tenacious bond to a variety of surfaces indoor and outdoor (with approved flooring).

APPROVED FLOORING TYPES

- Most Rubber Flooring
- CWF's Crumb Rubber Flooring
- CWF's Crumb Rubber Underlayment
- Engineered and Solid Hardwood Flooring

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)
- Existing well-bonded non-cushion-backed vinyl, tile, and sheet flooring
- Fully secured cork underlayment's
- Gypsum and lightweight concrete (must be primed with an approved primer)
- Terrazzo (properly prepared with all waxes and surface finishes removed)
- Well-bonded residue from cutback adhesives

SUBSTRATE TESTING

RH - No testing required [ASTM F2170]

pH - No testing required (5-14)

MVER - No testing required [ASTM F1869]

SUBSTRATE PREPARATION

Follow flooring manufacturer's guidelines for allowable levels of moisture. Substrate must be prepared per ASTM F710 standards including, but not limited to the following:

- Concrete floors must be dry, clean, smooth, and structurally sound. They shall be free of any foreign materials that might prevent adhesive bond, 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.
- 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 applying adhesive.
- The substrate, adhesive and flooring must be acclimated in an enclosed building with the HVAC operational between 60-85°F (15-30°C), and between 30-65% relative humidity, for at least 72 hours before, during and after the installation.
- When installing over radiant heated subfloors, turn the heat off for 24 hours before, during and after installation. Failure to turn the heat off may result in shortened working time of the adhesive. When turning radiant heat back on, raise it incrementally, not to exceed a change of more than 5 degrees per hour to a maximum of 85°.
- Wood underlayment's must have a moisture content below 12% using a Tramex or Delmhorst moisture meter.

PRECAUTIONARY NOTES:

- 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) and without hydrostatic pressure.
- Flooring must be acclimated per manufacturer's guidelines.

APPLICATION INSTRUCTIONS

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

1. Spread adhesive using required tools (see tool chart on page 2). • Not all tools offer moisture protection.

2. Install flooring immediately after adhesive is spread. • Working time is approximately 45 min under acceptable temperature and humidity conditions.

• The product may slip and move at first so be sure to secure the initial row with approved blue tape to limit movement and hold patterns. Occasionally lift a piece of flooring to ensure adhesive is achieving proper transfer. If proper transfer is not achieved, remove dried adhesive, and apply more using recommended tool. The use of approved blue tape to temporarily hold the edges together may be necessary until installation is complete.

3. Roll and cross roll floor with a 75-100 lbs. (34-45 kg) roller within 1 hour of installation and again within 2 hours to ensure proper transfer of adhesive.

PRECAUTIONARY NOTES:

- Reseal lid when not in use to protect product.

REQUIRED TOOLS AND COVERAGE *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.

For Moisture Barrier and Sound Control Application

1. 1/2" x 15/32" (12.7mm x 11.9mm) V Notch

- Planks greater than 6' long and 5" wide
- Up to 20 sf/gal

2. 1/4" x 1/4" (6.35mm x 6.35mm) V Notch

- Planks less than 6' long and 5" wide
- Rubber Underlayment
- Rubber Tile and Sheet
- 25-30 sf/gal

For Bond Only

1. 1/8" x 1/8" x 1/8" (3.2mm x 3.2mm x 3.2mm) Sq Notch • Rough backed rubber products, cork flooring, cork underlayment

- 60-70 sf/gal

2. 3/16" x 1/4" x 5/16" (4.8mm x 6.4mm x 7.9mm) V Notch • Engineered and solid hardwood, bamboo, cork-backed hard surface, acrylic impregnated plank

- Up to 50 sf/gal

3. 1/16" x 1/16" x 1/16" (1.6mm x 1.6mm x 1.6mm) Sq Notch • Crumb Rubber Flooring/Underlayment
 • 150-180 sf/gal

CLEANING INSTRUCTIONS

While product is still wet: use a damp cloth and water to remove.

While product is still soft: use an approved adhesive remover/stripper, denatured alcohol, or mineral spirits. Always check compatibility on a piece of scrap flooring.

PRODUCT CHARACTERISTICS	Product Classification	Modified urethane (isocyanate free)
Base Chemistry Proprietary	STPE polymer-based (Hybrid Propel®)	
Curing Method	Moisture cure	
Appearance	Off white	
Consistency	Smooth, medium viscosity liquid	
Application	Easy troweling	
Flammability	Non-flammable	
Freeze/Thaw	Stable to 10°F (-12°C)	
Shelf Life	1 year	
MOISTURE		Protects flooring against unlimited moisture
	Moisture Control	
RH	No testing required	
pH	No testing required (5-14)	
MVER	No testing required	
TIME		0 min
	Open Time	
Flash Time	N/A	
Working Time	45 min	
Cure Time	12 hours	
Pot Life	N/A	
Traffic		6 hrs.
	Light Traffic	
Heavy Traffic	6 hrs.	
Heavy Rolling Loads	N/A	
SUSTAINABILITY		None
	Solvents	
Isocyanates	None	
VOC (g/L) - SCAQMD Rule#1168	0.1	
LEED Points	Contributes to low emitting materials	
Certifications	Greenguard, Floor Score	

