

Mannington M-Grip™ Adhesive

Description

Mannington M-Grip™ transitional adhesive is a high-strength modified hard set acrylic adhesive with low VOCs and high-solids. It produces a permanent overnight bond to a wide variety of substrates and is specifically formulated to obtain tenacious shear strength. M-Grip™ quickly transitions; fully cross-linking into a hard set to securely lock the flooring in place. M-Grip™ with its fast grab design handles the pressure of heavy rolling loads and high moisture environments.

Features

- Low VOC/low odor formulation with excellent plasticizer migration resistance
- High moisture tolerance with aggressive fast grab tack
- Residential, Light Commercial and Main Street rated and warranted adhesive
- Bond warranty applies if used with other manufactures like products

Substrate Testing

- RH - 95% (ASTM F2170)
- PH - 5-12 (ASTM F710)
- MVER - 10 lbs (ASTM F1869)

Approved Substrates & Preparations

Surfaces must be structurally sound, dry, clean, and free of dirt, moisture, loose particles, oil, grease, asphalt, tar, paint, wax, rust, waterproofing or curing and parting compounds, and membrane materials or other foreign matter that would interfere with a good bond. For wood surfaces: scrape away paint to bare wood. Cutback adhesive must be removed and/ or covered prior to applying adhesive for installing finished flooring. Follow the Mannington installation instructions for specific preparation requirements for the product that is being installed using M-Grip™. In general, the installation site must be temperature and humidity controlled by the use of permanent HVAC or equivalent system. The floor and room temperature as well as flooring materials and adhesive, must be maintained at 60°-95°F (15°-35.0°) and the humidity between 30-65% for 48 hours prior to, during, and after the testing and installation. Do not use on substrates that have been chemically cleaned.

Approved Substrates: APA underlayment grade plywood and OSB, Cementitious patch, leveler, and anhydrite screeds, Cement backer board, Concrete and hydronic radiant heated sub-floors that do not exceed 85°F (30°C), Existing well-bonded non-cushion-backed vinyl, tile and sheet flooring (one layer), Gypsum and lightweight concrete (primed with Mannington Universal Primer).

Coverage: See specific Mannington flooring type for correct spread rates.

Trowel/Nap Roller Size	Approximate Sq Ft Coverage
1/16" x 1/16" x 1/16" U	150
1/32" x 1/32" x 1/16" U	250
3/8" Nap Roller	350

Application Instructions

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

1. Spread adhesive using required tools.
2. Install flooring per specific flooring type instructions. (flash and working times dependent upon temperature and humidity).

Trowel: Flash time is 10-30 minutes. Adhesive will darken slightly to visually cue the installer. Working time up to 2.5 hours. Adhesive transfer required. Roll flooring with a minimum 75 lb. three section floor roller.

3/8" Nap Roller: Flash time is 20-40 minutes. Allow M-Grip™ to darken and become tacky. 2.5 hours working time.

Curing

Mannington M-Grip™ has an approximate 12 cure time. 24 hours for heavy traffic and 48 hours for rolling load traffic. Exact cure time varies with temperature, humidity and porosity of materials/substrates.

Cleaning

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

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

Order Codes/Packaging

- 1 Gallon: 180 pails per pallet
- 4 Gallon: 48 pails per pallet
- 1 Gallon SAP#: 588683 Color Code: 809743
- 4 Gallon SAP#: 588684 Color Code: 809744

M-Grip™ weight per 4-gallon pail = 35lbs
Pallet weight for 4-gallon pails = 1,730lbs

M-Grip™ weight per case of gallons = 35lbs
Pallet weight for case of gallons = 1,625lbs

Storage

Store in a cool, dry area away from direct sunlight. Mannington M-Grip™ should be stored at temperatures between 50-90°F (15-32°C). While this product is freeze-thaw stable, it is necessary to protect it from freezing. Freeze/ thaw stable to 10°F (-12°C). Shelf life is two years on properly stored unopened containers; storing at elevated temperatures will reduce shelf life.

Shelf Life

Two year shelf life (unopened)

Precautions

DO NOT take internally. If swallowed, DO NOT induce vomiting. Call a physician immediately. KEEP OUT OF REACH OF CHILDREN. Review SDS sheet prior to use.

THIS PRODUCT IS MADE IN THE USA