

Specification

Mannington M-Guard V-88 Adhesive Specification

DESCRIPTION

Mannington Commercial M-Guard V-88 is an advanced, cross-linking, moisture resistant transitional pressure sensitive adhesive featuring high aggressive peel and shear strength. This solvent-free, non-flammable, easy troweling product provides excellent bond for installations of luxury vinyl tile and plank, Color Anchor Collection LVT, Divergent, Mannington Select, Nature's Paths, Primary Elements, Walkway, and Walkway 20. Homogeneous and Heterogeneous vinyl sheet Assurance II, BioSpec MD, BioSpec RE, BioSpec SR, City Hub, Color Anchor Sheet, Entwined, Paradigm, Realities II, and Vivendi II over both porous and non-porous surfaces.

FEATURES

- Easy Application
- VOC – compliant / no solvents / low odor
- Nonflammable
- Contain fungicide protection
- Readily identifiable Mylar chips
- Complies with SCAQMD Rule 1168
- Meets Green Label Plus Certification

DIRECTIONS

The substrate must be structurally sound, smooth, clean, level, dry, and free of dust, dirt, grease, oil, paint, marker, incompatible curing compounds or sealers, fire retardant chemicals, release agents, or any other foreign substance that might interfere with a good bond. The adhesive, floor covering, and area to receive flooring must be maintained at a temperature of 65°- 85°F (18.3°43.1°C) and at a relative humidity of 30%-60% for at least 48 hours before, during, and after installation.

For Sheet Vinyl: The maximum moisture level of *newly constructed concrete* must be no greater than 10 lbs. as determined by a calcium chloride test according to ASTM F-1869 method and/or 95% RH as determined by ASTM F-2170 in situ relative humidity test. The pH limit is 12. Maximum moisture levels for *renovations or older slabs* must not exceed 8 lbs. MVER, 90% RH and 10pH.

For LVF: The maximum moisture level of *newly constructed concrete* must be no greater than 12 lbs. as determined by a calcium chloride test according to ASTM F-1869 method and/or 99% RH as determined by ASTM F-2170 in situ relative humidity test. The pH limit is 12. Maximum moisture levels for *renovations or older slabs* must not exceed 8 lbs. MVER, 90% RH and 10pH.

Mannington Commercial V-88 is not designed to be used over floors with Moisture Vapor Emissions (MVE) from water of intrusion or hydrostatic pressure. V-88 is designed for new slabs with high vapor emission from the water of hydration, or initial mixing. V-88 is not to be considered for remedial solutions to concrete subfloors with a history of moisture problems. Mannington Commercial V-88 should not be used on concrete slabs that do not have a vapor retardant membrane properly placed above the sand layer and next to the concrete.

INSTALLATION

Porous Surfaces - Tile & Plank: Mannington Commercial M-Guard V-88 may be used either wet or as a pressure sensitive adhesive over porous surfaces. To use wet, apply adhesive with the recommended trowel and allow to flash off for 5-10 minutes before installing flooring. Lay tile or plank into wet adhesive according to instructions. Adhesive must transfer to floor product to ensure proper bond. To use as a pressure sensitive adhesive, allow to dry to a tacky state and then install flooring according to instructions within 3 hours.

Porous Surfaces – Sheet Goods: Apply V-88 adhesive with the recommended trowel and allow to flash off for 5-10 minutes before installing flooring. Lay sheet into wet adhesive according to instructions. Adhesive must transfer to floor product to ensure proper bond. **NOTE: When installing sheet flooring using V-88, trowel the adhesive then back roll with a short-nap paint roller to minimize the possibility of trowel ridge telegraphing.**

Non-Porous Surfaces–Tile & Plank: Apply with the recommended trowel, allow to dry completely from yellow to tan, and lay in the tile or plank according to instructions within 3 hours. The highly aggressive pressure sensitive grip prevents slippage and minimizes seam gaps. Drying time is 45-90 minutes and will vary depending on temperature and humidity. Installation over areas of incomplete drying can result in job failure.

Non-Porous Surfaces–Sheet Goods: Apply with the recommended notch trowel. When installing sheet goods over non-porous surfaces, Mannington Commercial M-Guard V-88 must be allowed to set open for up to 30 minutes until dry-to-touch (Dry-to-touch is tacky). Time required will vary with ambient conditions. The adhesive must be tacky enough to ensure proper adhesion. **NOTE: When installing sheet flooring using V-88, trowel the adhesive then back roll with a short-nap paint roller to minimize the possibility of trowel ridge telegraphing.**

FINISHING

After the tiles have been placed in the adhesive, roll the floor immediately with a minimum 100lbs (45 kg) roller to ensure complete contact with the adhesive. Remove any adhesive from the face of the tile with a cloth moistened with denatured alcohol. The finished floor should be protected from point loads and heavy traffic for 24 hours after installation. Tiles may be damp-mopped 24 hours after installation.

COVERAGE / TROWEL SIZE

Over porous substrates - 1/16" x 1/32" X 1/32" "U" Notch / Up to 250 sq. ft. / gal

Over non-porous substrates – 1/16" x 1/32" x 5/64" "U" Notch / Up to 350 sq. ft. / gal

*Trowel dimensions are width x depth x spacing.

PACKAGING

Size	4 gallons
Weight	34 LBS
Pails/Pallet	48 pails
Order Code	186054

STORAGE

Store in climate controlled interior location. One-year shelf life on unopened containers.

PRECAUTIONS

- Use with adequate ventilation.
- Do not use where excessive moisture, alkali, or hydrostatic pressure exists.
- Prevent prolonged breathing of vapor and skin contact.
- Avoid contact with eyes.
- Do not ingest.
- KEEP OUR OF THE REACH OF CHILDREN.

WARRANTY

This product is manufactured according to exacting quality control standards and is warranted to be free from manufacturing defects for a period of one year.###