

Specification

Mannington Commercial V-82 Adhesive Specification

DESCRIPTION

Mannington Commercial V-82 is nonflammable, solvent-free, light colored acrylic adhesive that provides good moisture and alkali resistance and a strong bond for Mannington Commercial luxury vinyl plank and tile, homogeneous and heterogeneous vinyl-backed products.

FEATURES

- Easy application
- VOC compliant / low odor / solvent free
- Moisture and alkali resistant
- Non-flammable
- Readily identifiable Mylar chips
- Contains fungicide protection
- Complies with SCAQMD Rule 1168
- Meets Green Label Plus Certification

SURFACE PREPARATION

Make sure the underfloor is clean and free of all foreign matter such as dirt, paint, oil, wax, etc. It must be smooth and level. Sand off any high spots and fill low spots, cracks, holes, etc., with the appropriate high-quality patching compound. The building must have permanent heat / air. Maintain the adhesive, floor covering, and job site at a minimum of 65°F for at least 48 hours before, during, and after the installation.

Moisture testing must be done utilizing either ASTM F1869 (Calcium Chloride) or ASTM F2170 (%RH) prior to the floor covering being installed. The maximum moisture level for calcium chloride is 3 lbs and 75% RH. Alkalinity tests must also be performed. pH must not be greater than 9.

V-82 must not be used on concrete slabs that do not have a vapor retardant membrane properly placed or where hydrostatic pressure or sources of moisture intrusion exist.

INSTALLATION

V-82 adhesive should be applied with a trowel having notches 1/16 wide, 1/32 deep, and spaced 1/32 apart (U-notch). The adhesive must be spread over 100% of the exposed subfloor, leaving no gaps or puddles. Uniform coverage can be maintained by keeping the trowel clean and properly notched. Provided adhesive open time but do not allow the adhesive to "skin over" before laying the floor covering into the adhesive. V-82 has a 30-minute working time after spread.

After the adhesive has been applied, roll the sheet forward into the adhesive to eliminate trapping air. Do not drop or flop the material into the adhesive. Roll the floor covering with a three-section 150 lb roller in both directions.

CAUTION: All nonporous substrates must be rendered porous by applying an overlay of cementitious product before applying V-82.

COVERAGE

1/16 x 1/32 x 1/32-inch U-notched trowel
Coverage is approximately 150–200 ft²/gal

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FINISHING

Clean fresh adhesive smears with water. Remove dried adhesive with mineral spirits. Avoid heavy traffic on the finished floor for at least 24 hours.

PACKAGING

Size 1 gallon / 4 gallon
Order Code 186839 / 15784

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 OUT 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. The duration of the bond will be equal to the flooring warranty period and varies per product.