

Mannington Commercial V-95 Adhesive Specification

DESCRIPTION

Mannington Commercial V-95 is a solvent-free, two-component, epoxy adhesive for high-performance indoor installations of Mannington Commercial luxury vinyl plank and tile, homogeneous and heterogeneous vinyl-backed products. V-95 has good resistance to humidity, water, weather, and heat as well as outstanding adhesion and elasticity at low temperatures. You may use V-95 on all approved wood underlayments and on, above, or below-grade fully cured concrete substrates. V-95 must also be used when installing over nonporous substrates or in areas subject to excessive heat or cold, areas where direct sunlight, surface (topical) moisture, high point loads, rolling loads or dragging force would be a concern. Examples include but are not limited to entryways, around drains, spas, shower rooms, saunas, ramps, operating rooms, plate glass windows exposed to sunlight, under hospital beds.

FEATURES

- Easy application
- VOC compliant / solvent free / low odor
- 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 patching compound. The building must have permanent heat / air. Maintain the adhesive, floor covering, and job site at a minimum temperature of 65°F for at least 48 hours before, during, and after the installation.

The maximum moisture vapor emission tolerances as measured according to ASTM F1869 specifications is 5 lbs per 1000 ft². The maximum acceptable in-situ relative humidity level is 85% when measured according to ASTM F2170. If both tests are performed the RH test result is the qualifying standard. V-95 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

Pour all of the "Part B" bottle into the pail containing "Part A" while slowly mixing with a low-speed drill mixer (300 RPM or less), until a smooth consistency is obtained. V-95 adhesive should be applied with a trowel having notches 1/16 wide, 1/32 deep, and spaced 1/32 apart. 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. Do not spread more adhesive than can be covered within 45 minutes.

To help minimize any adhesive "bubbling" the adhesive ridges are further flattened with the supplied short nap paint roller.

Note: The floor temperature directly affects the setting time. The warmer it gets, the faster the adhesive sets.

Specification

Wait 30-45 minutes, and then install the flooring material into the adhesive while still fresh. Proper adhesive transfer to the backing should be confirmed periodically by lifting the material. Roll the floor covering across the width and length with a 100 lb three-section floor roller to break down adhesive ridges and ensure removal of entrapped air. Wait 1-2 hours and then repeat the rolling procedure to ensure complete removal of all entrapped air.

Note: The instant grab of V-95 is low, so it is sometimes required to apply weights, particularly on the seams, to maintain contact until the adhesive sets (16-24 hours).

COVERAGE**Porous**

1/16 x 1/32 x 1/32-inch U-notched trowel
Coverage is approximately 180-220 ft²/gal

Non-Porous

1/16 x 1/32 x 5/64-inch U-notched trowel
Coverage is approximately 350-400 ft²/gal

FINISHING

Remove fresh adhesive with mineral spirits. CAUTION: It is impossible to remove V-95 when dry.

The material should be ready for light traffic in 12 hours, regular traffic in 24 hours. If you must walk on the floor before this time, lay plywood boards across the material to disperse the load. Wait at least 72 before allowing heavy traffic on the floor

PACKAGING

Size	1 gallon
Weight	Part A - 9 lbs / Part B - 9.16 lbs / Both Mixed - 18.16 lbs
Order Code	457153

STORAGE

Store in climate controlled interior locations between 50°-90°F. One year shelf life on unopened containers.

PRECAUTIONS

Use with adequate ventilation.
Do not use where excessive moisture, alkali, or hydrostatic pressure exists.
Do not apply directly over gypsum-based surfaces.
Prevent prolonged breathing of vapor and skin contact.
Do not ingest.
Avoid contact with eyes

KEEP OUT OF THE REACH OF CHILDREN.

WARRANTY

This product was 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.