

Specification

MR-721 Adhesive Specification

DESCRIPTION

Mannington MR-721 is a fast-setting, two-part reactive epoxy adhesive designed for use with rubber and vinyl floor covering material.

MR-721 Adhesive provides the ultimate in bond and shear strength, can be use on concrete slabs with high vapor emissions rates, recommended for hight-traffic installations where superior indentation resistance and performance are required.

FEATURES

- Low volatile organic compounds (VOC)
- Moisture and alkali resistant
- Low perm rating
- Fast-setting and easy to apply

SURFACE PREPARATION

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 and at a relative humidity of 30%-60% for 48 hours before, during, and after installation.

The maximum moisture level of concrete must be no greater than 8 lbs. /1000 sq. ft. /24 hours (2.27 kg /92.9 m² /24 hours) as determined by a calcium chloride test according to ASTM F-1869 test method and/or 90% RH as determined by ASTM F-2170 in situ relative humidity test. If both tests are performed the RH test is the qualifying standard.

MR-721 Adhesive is not designed to be used over floors with Moisture Vapor Emissions (MVE) from water of intrusion or hydrostatic pressure. It 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. Do not install over standing water or any substrates containing asbestos.

INSTALLATION

After thoroughly mixing part A and B. Apply MR-721 Adhesive with the recommended trowel size. Spread evenly over the sub floor, keeping the trowel at a 45-degree angle to the sub floor. Do not spread more adhesive than can be covered with floor covering within 45 minutes. Install flooring immediately after the adhesive is applied. See label for detailed instructions on mixing and application.

COVERAGE

Porous

1/16 x 1/16 x 1/16-inch Square-notched trowel

Coverage is approximately 100 ft²/gal

Non-Porous

1/16 x 1/16 x 1/16-inch V-notched trowel

Coverage is approximately 125 ft²/gal

*Trowel dimensions are width x depth x spacing. Coverage is approximate and may vary depending on type, condition, and porosity of substrate and the angle at which the trowel is held.

FINISHING / CLEANUP

Allow 8-12 hours for light foot traffic, 24 hours for heavy traffic. Use Plywood boards across the floor to disperse the loads. Movement of the flooring while the adhesive is setting may affect the bond.

Immediately remove any adhesive residue with mineral spirits. Once dry, the MR-721 can only be removed by mechanical means.

PACKAGING

Size 1 gallon
Weight Part A 12.6 lbs / Part B 11.1 lbs / Mix 12.5 lbs
Order Code #457156

STORAGE

Store in climate controlled interior location between 65 - 85 F.
Two year shelf life with stored in original, upopened packaging at 73 F.

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.