

Mannington MR-911 Adhesive Specification

DESCRIPTION

Mannington MR-911 is an acrylic based adhesive specifically formulated for the installation of Mannington Commercial rubber flooring, Burke LVT, vinyl and/or rubber stair treads on clean porous and non-porous substrates. MR-911 is suitable for use on suspended approved wood floors (APA), dry concrete floors and staircases above, on and below grade where concrete substrate moisture does not exceed recommended limits.

FEATURES

- Low volatile organic compounds (VOC)
- CRI Green Label Plus certified
- Solvent-free
- Non-flammable
- Ready to use; no mixing necessary
- Freeze-thaw stable

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. Cracks and uneven surfaces must be filled with a cementitious patching compound. 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. The pH should be 7 – 10.

MR-911 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

INSTALLATION

Apply MR-911 Adhesive with the recommended trowel size. Do not apply when temperature will go below 65°F. Spread adhesive evenly over the subfloor, keeping the trowel at a 45° angle to the subfloor. Roll the flooring with recommended -weight roller across the width and length of the flooring surface.

Prior to use, determine substrate porosity by placing droplets of water in several areas across the concrete surface. If the water beads and remains on the surface, after one minute, the substrate is to be considered “non-porous” and the non-porous instructions listed below should be followed.

For porous substrates, use a 1/16 square notch trowel to install rubber flooring materials. Trowel the adhesive onto the substrate and allow the adhesive to remain open for approximately 5-10 minutes before installation of the material. Do not allow the adhesive to skin over. Install as a wet set application.

Speciifcation

For non-porous substrates, use 1/16 "V" or square notch trowel to install the products. The adhesive should be allowed to dry so that the valleys are dry, the adhesive ridges are cloudy, and there is still transfer of adhesive to the finger. Once the adhesive reaches this state it is ready to accept the flooring product. From the time the adhesive is allowed to tack up to the time it must be covered in approximately 30 minutes. If the adhesive is allowed to remain uncovered, after the initial drying to the touch, for period longer than the recommended 30 minutes a loss of adhesion may result.

Once product is placed immediately roll the flooring material with a 100 lbs 3 section roller. Stair treads and nosing's should be rolled with steel hand roller. Keep all traffic off newly installed flooring surfaces for a minimum of 24 hours.

Caution: Do not allow adhesive to remain uncovered after the initial drying period, as a loss of adhesion strength will occur. Do not spread more adhesive than can be worked within the 30 minute time frame.

COVERAGE

Porous Substrate: 1/16 X 1/16 X 1/16-inch square notch trowel = 125–150 sq. ft. per gallon

Non-Porous Substrate: 1/16 x 1/16 x 1/16 Inch "V" notch trowel = 150–185 sq. ft. per gallon

*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

Promptly remove adhesive smudges from the flooring material surface with water while the adhesive is still wet. Use mineral spirits once dried.

Allow 24 hours for light traffic, 72 hours for heavy traffic.

PACKAGING

Size 1 gallon / 4 gallon / 1 gallon 4/carton

Weight 10 lbs. / 40 lbs. / 40 lbs.

Order Code # 186842 / 124111 / 124110

STORAGE

Store in climate controlled interior location between 50 - 90 F.

Two-year shelf life on unopened containers.

WARRANTY

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