

Specification

Mannington Commercial MR-710 Adhesive Specification

DESCRIPTION

Mannington Commercial MR-710 is a single component Premium Urethane adhesive designed for use with Mannington Commercial Reset Recycled Rubber Sports flooring tile and sheet products, as well as Attune Heterogeneous Sheet with vulcanized composition rubber backing.

FEATURES

- Low volatile organic compounds
- Ready to use; no mixing necessary
- Solvent-free
- Non-flammable
- 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. 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 ft² /24 hours (2.27 kg /92.9 m² /24 hours) as determined by a calcium chloride test according to ASTM F1869 test method and/or 90% RH as determined by ASTM F2170 in situ relative humidity test. If both tests are performed the RH test is the qualifying standard.

MR-710 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-710 Adhesive with the recommended trowel size. Place product into the adhesive immediately after spreading. MR-710 has a 30 to 60-minute working time. Open time will vary based on temperature, humidity, porosity, and job site condition. Spread adhesive evenly over the subfloor keeping the trowel at a 45° angle. Adhesive transfer to the backing should be confirmed periodically by lifting the flooring material.

COVERAGE

1/16 x 1/16 x 1/16-inch square notch trowel

Coverage is approximately 95 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.

CLEAN UP

MR-710 IS EXTREMELY DIFFICULT TO REMOVE WHEN CURED.

Immediately remove any adhesive smudges from the flooring material while the adhesive is still fresh/wet by using a white cloth dampened with mineral spirits.

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FINISHING

Protect from light traffic for a least 12 hours, heavy traffic for 24 hours.

PACKAGING

Size	4 gallon	2 gallon
Weight	55 lbs	14 lbs
Order Code	163632	443839

STORAGE

Store in climate controlled interior location between 50°-90°F.
One-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 one year.