MoistureLoc Adhesive Specification

DESCRIPTION

MoistureLoc Adhesive is a one component, 100% solids, cross-linking modified silane polymer-based adhesive formulated for Installations of Homogeneous & Heterogeneous Resilient Sheet and Luxury Vinyl Tile & Plank. This solvent free, non-flammable, easy troweling product provides excellent bond and is a perfect replacement for epoxy and urethane adhesives. It can be used over porous and non-porous surfaces. MoistureLoc is especially suitable for use in areas subject to excessive heat or cold, areas where direct sunlight, surface (topical) moisture, high point loads, rollings 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.

ADVANTAGES

- Low volatile organic compounds (VOC)
- Meets California SCAQMD Rule 1168
- Solvent-free – non-flammable – non-staining
- High track and bond strength
- Excellent plasticizer resistance
- Freeze-thaw stable to 10°F

DIRECTIONS

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.

Note: MoistureLoc is not for felt backed products.

LVT - No Moisture Testing is Required for Luxury Vinyl Planks or Tile when installed with MoistureLoc Adhesive provided the slab meets ASTM F710 excluding the presence of an intact moisture vapor retarder, has no standing water, no free liquids present, no evidence of moisture staining, and no hydrostatic pressure, for porous installations only.

SHEET - No Moisture Testing is Required for Homogeneous & Heterogeneous Resilient Sheet when installed with MoistureLoc Adhesive provided the slab meets ASTM F710 including the presence of an intact moisture vapor retarder per ASTM E1745 (Class B Minimum), is in direct contact with the concrete slab, no standing water, no free liquids present, no evidence of moisture staining, and no hydrostatic pressure, for porous installations only. The pH limit is 12.

For Homogeneous & Heterogeneous Resilient Sheet in all other conditions or for non-porous installations, the maximum moisture level of concrete must be no greater than 10 lbs /1000 sq ft /24 hours (2.27 kg /92.9 sq m /24 hours) as determined by a calcium chloride test according to ASTM F1869 test method and/or 95% RH as determined by ASTM F2170 in situ relative humidity test. If both tests are performed the RH test is the qualifying standard. The pH limit is 12.

MoistureLoc Adhesive is not designed to be used over floors with Moisture Vapor Emissions (MVE) from water of intrusion or hydrostatic pressure. It is designed for new slabs with high vapor emission from the water of hydration, or initial mixing. It should not be considered for remedial solutions to concrete subfloors with a history of moisture problems.

INSTALLATION

Apply MoistureLoc Adhesive with the recommended trowel and lay flooring immediately into wet adhesive. Adhesive must wet transfer 100 % to flooring product to ensure proper bond. Adhesive working time is approximately 45 minutes but will vary with ambient job site conditions. Adhesive is self-leveling, so back rolling of the adhesive is generally not necessary.

Do not work on top of freshly installed flooring. This will minimize shifting and adhesive displacement and prevent wet adhesive from oozing up onto the surface of the new flooring.

Roll the floor covering across the width and length with a 75-100 lb three-section floor roller to ensure complete contact with the adhesive and 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 MoistureLoc adhesive is low, so it is sometimes required to apply weights, particularly on the seams, to maintain contact until the adhesive sets (24 hours).

FINISHING

• Allow 24 hours after installation before resuming normal foot traffic.

• The floor covering may be damp- mopped after 48 hours.

• The finished floor must be protected from point loads, heavy traffic, and heavy rolling loads for a minimum of 48 hours on porous subfloors and 72 hours on non-porous subfloors following installation.

CLEAN UP

Remove any wet adhesive with a damp cloth and water. When adhesive has dried use a cloth dampened with denatured alcohol or mineral spirits. Hardened adhesive should be scraped and use water or a solvent if needed.

TROWEL SIZE & COVERAGE

Over Porous Surfaces: 1/16" x 1/32" x 1/32" (1.6mm x 0.8mm x 0.8mm) "U" notch trowel / Coverage: 180-250 sq ft/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.

PACKAGING

Size	2 gallons
Weight	27 lbs
Pails/Pallet	60
Order Code	454730 (805159)

STORAGE

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

PRECAUTIONS

- Use with adequate ventilation.
- Do not use where 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.