Mannington®
COMMERCIAL

Specification

M-Guard Ultra Premium Adhesive Specification

DESCRIPTION

M-Guard Ultra Premium Adhesive is a solvent-free, premium carpet adhesive is a high solid, Ultra premium commercial carpet adhesive formulated specifically to provide superior bonding strength for installing Mannington broadloom latex and polyurethane backed carpets. It is suitable for both residential and commercial climate-controlled environments. M-Guard Ultra Premium Adhesive is the appropriate adhesive for installing Mannington's woven synthetic UltraBac RE and DeltaLoc cushion backed carpet over porous and non-porous subfloors.

ADVANTAGES

- No Solvents
- Low VOC's
- Non-Flammable
- Freeze / Thaw stable
- GLP Certified

SURFACE PREPARATION

M-Guard Ultra Premium Adhesive may be used over properly **prepared concrete, wood, terrazzo, steel and other suitable substrates. Bring high spots level by sanding, grinding** etc., fill and smooth low spots or rough surface. Use only high-quality Portland cement-based materials with a minimum 3000 psi compressive strength (ASTM C109). Mix with water only, do not use latex. The subfloor must be clean (free of dirt, dust, old adhesives, grease, wax, or other contaminants that may stain or prevent adhesion), smooth, flat, sound, fit for purpose, and free of movement. Concrete subfloors must be fully cured, clean, free from curing agents.

No Moisture Testing Required for UltraBac RE when installed with M-Guard Ultra Adhesive provided the slab meets ASTM F-710 (except where explicitly allowed by our installation instructions) including proof of the presence of an intact moisture vapor retarder per ASTM E-1745 (Class B or Better) in direct contact with the concrete slab, no standing water, no free liquids present, no evidence of moisture staining, no hydrostatic pressure and a pH level that does not exceed 12. Mannington's Universal Primer is required prior to installation of M-Guard Ultra adhesive.

For all other condition's or when the above requirements are not met, the limits are in-situ relative humidity (maximum RH 95% per ASTM F2170) and/or moisture vapor emissions (maximum 10 lbs./1,000 SF/24 hrs. per ASTM F1869). Concrete must have a 12 pH (ASTM F710). On-grade and below-grade concrete slabs must have an approved vapor retarder (ASTM E1745) which is properly installed (ASTM E1643). **Mannington's Universal Primer is required prior to installation of M-Guard Ultra adhesive.**

INSTALLATION

Apply M-Gaurd Ultra Premium Adhesive full spread with a 1/8" x 1/8" x 1/8" U-notched towel. Allow adhesive to remain open long enough to develop tack but remain wet enough to ensure transfer to the backing. Adhesive transfer must be 100%. If the 1/8" U-notched trowel or porosity of the sub-floor does not provide 100% transfer, then a deeper notched trowel may be required. Roll immediately using a 75-100 lb. roller and reroll 3-4 hours after installation.

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TROWEL SIZE AND COVERAGE
Over Porous / Non-Porous Surfaces: 1/8" x 1/8" x 1/8" U notched trowel / Coverage: 6-8 sq. yd/gal

PACKAGING
Size: 4 gallons
Order Code: 190714
Weight: 40 lbs.

STORAGE
Store adhesive in climate controlled interior locations only between 50 - 90°F. Protect from freezing. Adhesive has a two-year shelf life on unopened containers.

CLEAN UP
Wet adhesive should be immediately removed from tools or surfaces with a clean, soapy, damp cloth.
Dried adhesive can be removed with denatured alcohol, mineral spirits or adhesive solvent.

WARRANTY
M-Guard Ultra Premium Adhesive is manufactured according to exacting quality control standards specifically for the installation of Mannington's broadloom woven synthetic (UltraBac) and urethane cushion (DeltaLoc) backed carpet. M-Guard Ultra Premium Adhesive is warranted to be free from manufacturing defects for one year. Mannington flooring products are backed by a limited Commercial Warranty for bond and manufacturing defects. The warranty term matches the backing warranty which will vary by type.