

# GREATMATS

## SPECIALTY FLOORING

### Product Specifications

#### Perma-Bond Adhesive

**Description:** This adhesive is solvent-free, latex rich, and nearly odor-free. It can be used where other adhesives might present potential health risks. It is suitable for office buildings, hotels, hospitals, schools, restaurants, nursing homes, etc.

**Sub-Floor Preparation:** Follow all manufacturer's recommendations and industry standards regarding sub-floor preparation. Moisture tests are required on all concrete sub-floors regardless of grade level or if the concrete is freshly poured or is classified as an older slab. Moisture testing should be performed by ASTM F1869 Calcium Chloride Tests with moisture levels not to exceed six (6) pounds per twenty-four (24) hours per one thousand (1000) square feet, or ASTM F2170 In Situ Relative Humidity Test with readings, not to exceed eighty-six (86) percent on existing slabs. New construction projects or green slabs can have a Moisture Vapor Emission Rate of up to eight (8) pounds per twenty-four (24) hours per one thousand (1000) square feet or 90% when tested in accordance with ASTM F2170. The maximum pH levels should not exceed a reading of 9.

**Application:** Refer to all manufacturer's recommendations and approvals prior to installation. For Indoor Use Only. For best results install at 70°F (+/- 5°) and 50% R.H. (+/- 5%).

1. All surfaces must be clean, dry, free of dust, grease, paints, oils, curing compounds, sealers, or any other foreign material which may interfere with proper adhesion. Cracks and uneven surfaces must be filled with a cementitious patching compound.
2. Porous surfaces require the use of a 1/16" x 1/16" x 1/16" square notch trowel. Once troweled, the adhesive should be allowed to remain open for approximately 5-10 minutes before placement of the flooring material. Once placed the installed product should be rolled as quickly as possible using a 100 pound 3 section roller.
3. For non-porous applications a 1/16" x 1/16" x 1/16" V-notch trowel should be used. The adhesive should be allowed to dry to the touch so that there is little or no transfer of adhesive to the finger. Once the adhesive reaches the dry touch state it is ready to accept flooring. Rolling with a 100 pound 3-section roller should take place immediately after the flooring material has been placed into the adhesive. Care should be taken by the installer not to spread more adhesive than can be worked within the 45-minute period.

**Clean-up:** Remove wet adhesive immediately with a damp cloth. Use mineral spirits to remove dried adhesive. CAUTION: Mineral Spirits are flammable. Read and follow all precautions on container label.

**Coverage:** Approximately 125-175 sq/ ft. per gallon. Will vary with substrate porosity.

#### Product Specifications:

Base Polymer	Acrylic Polymer
Color	White
Solids	70-75%
VOC Content	<10 gram
per liter pH	8.25
Consistency	Paste
Trowelability	Light, Easy
Shelf Life	One Year in Unopened Container
Storage	40°-95°F
Application Temperature	65°-95°F (18°-35°C)
Traffic Restrictions	Foot Traffic after 12 hours, Heavy Traffic after 24 hours
Freeze Thaw Stability	5 cycles @ 20°F