

Product Use: Dual purpose polyurethane wood flooring adhesive and moisture retarder.

Base: One part, moisture-cured urethane. None of the raw materials used in the manufacturer of MRA1585 contain formaldehyde. Product does NOT contain any water. Once cured, MRA1585 is waterproof.

VOC's: 0 grams/liter. (As calculated per SCAQMD 1168)

Flash Point: 392 °F (200 °C)

Viscosity: 45000 – 60000 centipoises @ 25°C, 20 RPM (ASTM D2393)

Weight: 13.7 lbs./gal (ASTM D1875)

Tensile: 210 psi (ASTM D638 or D412)

Elongation: 300% minimum (ASTM D638 or D412)

Vapor Perm: 0.58 g/m²-24 Hrs-mmHg (ASTM D1653)

Solids: 100%

Color: Light tan.

Odor: Mild. Virtually no odor. Not easily detected.

Concrete Water Vapor:
Slab concrete moisture test results determine the application rate of the adhesive.

Calcium Chloride results up to 15 lbs./1000 sf/24 hrs. and in-situ Relative Humidity results up to 85%. MRA1585 is applied with a 3/16" x 5/32" V-Notch trowel at a rate that does not exceed 50 sq. ft per gallon.

Any Calcium Chloride result **greater** than 15 lbs./1000 sf/24 hrs. or any in-situ Relative Humidity result **greater** than 85%. MRA1585 is applied with a 1/4" x 3/16" V-Notch trowel at a rate that does not exceed 35 sq. ft. per gallon.

The protocol for Calcium Chloride testing (ASTM F1869) and in-situ relative humidity testing (ASTM F2170) must be followed precisely for warranty consideration. If both tests are performed, the insitu RH test is always the qualifying standard. Calcium Chloride Test kits are available from Nydree Flooring. If there is concern over excessive, future subfloor moisture, always use the 1/4" x 3/16" V-Notch trowel application rate.

Open Time: About one hour at 70 °F and 50% relative humidity.

Working Time: Wet-lay adhesive. Install flooring immediately. Do not let adhesive dry to touch.

Cure Time: Light-Foot traffic after 8-12 hrs. Normal traffic after 24 hours.

Rolling: Roll floor with 150 pound (100 lb. plus 50 lb. attachment) roller 30 minutes after spreading adhesive, but not later than 1 hour.

% Transfer: At least 85% transfer of adhesive between the concrete and flooring product is required.

% Substrate Transfer: 100% is required.

Clean-up: Use mineral spirits (low odor, no residue) and a white cloth or Sentinel 922 Adhesive Remover Wipes immediately when wet, virtually impossible when cured. As a last resort, try Oil-Flo 141 available through Taylor Tools.

Packaging: 4 gal metal pails.

Storage : Store and use adhesive at 60 °F to 90 °F. (15 °C - 32 °C)

Shelf Life: One year from date of manufacturer. Store in a clean, dry, warm area to ensure ease of application.

Freeze/Thaw: Product is Freeze-Thaw stable.

Warranty: See MRA1585 Adhesive Bond Limited Lifetime Warranty and 10 year Concrete Subfloor Moisture Protection Limited Warranty.