



Millennium Series 2011

Easy Moisture Control Adhesive

MILLENNIUM SERIES

DESCRIPTION:

EMC (Easy Moisture Control) 2011 is a premium acrylic adhesive and moisture control system in a single product that reduces installation labor up to half. EMC 2011 provides both adhesion and moisture protection when applied with the patented specially designed trowel provided with each pail.

APPLICATION:

EMC 2011 can be used to install 3/8" or thicker engineered wood flooring only. EMC 2011 IS NOT APPROVED FOR INSTALLING BAMBOO FLOORING, any type of bamboo construction, including vertical or horizontal and strand lamination. EMC 2011 can be used on, above or below-grade. Sub-floor must be dry to the touch with no standing water or visible dampness.

EMC 2011 must be applied according to the installation instructions found on the label and Technical Data Sheet using the patented EMC 2011 trowel. Important: To insure optimal moisture control, the new trowel blade must be used with each pail to minimize wear and insure proper metering of the adhesive to the subfloor.

INSTALLING THE FLOOR:

Always follow the wood manufacturers' recommendations for layout, expansion space and acclimation requirements. All sub-floors must be smooth within 1/8" in 10' and structurally sound, clean, dry, smooth, and free of dust, wax, oils, paint, curing agents and any other contaminants that would interfere with a good bond.

Installing the Floor:

Always follow the wood manufacturers' recommendations for sub-floor moisture, sub-floor levelness, expansion space and acclimation requirements. All sub-floors must be smooth within 1/8" in 10' and structurally sound, clean, dry, smooth, and free of dust, wax, oils, paint, curing agents and any other contaminants that would interfere with a good bond.

1. Must be in compliance with "Sub-Floor" instructions above before starting the installation.
2. Follow the wood manufacturers' instructions for acclimation, floor layout and expansion space requirements. It is imperative the sub-floor be flat, without dips, birdbaths or sudden rises. It must not exceed 1/8" in 10' radius.
3. Remove the blade from the pail lid and insert into the Gundlach Injecta-Blade trowel handle. The use of any other applicator or trowel will void all warranties and yield unsatisfactory results. **EXTREMELY IMPORTANT: When the pail is empty, discard the old blade and insert the new blade provided with each new pail.**

4. Snap a "chalk-line" and spread a comfortable working width of EMC 2011 onto the sub-floor. If the adhesive is spread in a swirl pattern, trowel "comb out" the adhesive parallel to the wood flooring, this will maximize spread rate and improve the performance of the product. **ALWAYS SPREAD ADHESIVE BEYOND THE CHALK LINE TO ENSURE THERE ARE NO VOIDS BETWEEN YOUR STOPPING AND STARTING POINTS. ANY ADHESIVE PAST THE EDGE OF THE WOOD FLOORING CAN BE SCRAPED TO ENSURE A PROPER STARTING POINT FOR THE NEXT DAY. ENSURE FRESH ADHESIVE IS APPLIED AS CLOSE AS POSSIBLE TO EXISTING FLOORING.**
5. Immediately install the wood flooring.
6. It is not necessary to roll the floor. The EMC trowel will provide adequate "seal" without rolling.
7. Repeat steps 3 – 6 until the job is complete

RECOMMENDED SUBSTRATES:

- Concrete
- Portland Based Underlayments
- Properly Prepared Gypsum
- APA Approved Plywood
- Terrazzo
- Fiber Cement Underlayment
- Radiant Heated Subfloors

CLEAN-UP:

Remove the adhesive from the wood floor surface as soon as possible before the adhesive dries. Use a soft cloth and Mineral Spirits carefully to not harm the finish. Clean equipment and tools with Mineral Spirits while the adhesive is still wet.

CAUTION: Mineral Spirits are flammable. Read and follow all precautions on container label

RESTRICTIONS:

1. For Interior installations only.
2. Concrete substrate must be flat, not to exceed 1/8" in 10' radius.
3. Do not install over adhesive residue including cutback.
4. Do not install when ambient temperature is not between 60°F & 95°F.
5. Do not install when ambient relative humidity is above 65%.
6. It is the sole responsibility of the installer to determine the suitability and compatibility of the adhesive for the user's intended use.

PACKAGING:

- One 4 Gallon Pail
- New EMC Trowel Blade Attached To Each Lid

863 SE Main Street • Simpsonville, SC 29681
Phone: 1-800-763-7272 • ISO 9001 Certified

www.parabond.com

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COVERAGE:

- 40-45 SF PER GALLON

WARRANTY:

Royal Adhesives and Sealants offers a limited warranty for EMC 2011 for the life of the floor to the original purchaser and is not assignable nor

transferable. A copy of the limited warranty can be obtained by calling Royal's floor covering adhesives technical service at 800 763-7272 or contacting your local Parabond Representative.

Technical Data	
Base	Proprietary
Color	Tan
Solids	83-86%
VOC Content	<9 grams / Liter
pH	8.0
COVERAGE	40-45 SF PER GALLON
Consistency	Creamy Paste
Trowelability	Smooth
Shelf Life	One Year in Unopened Container
Storage	40°-95°F in a cool dry location
Application Temperature	65°-95°F (18°-35°C)
Traffic Restrictions	Foot Traffic after 8 hours, Heavy Traffic 24 hours
Open Time	Up to 45 Minutes, depending on ambient conditions
Freeze Thaw Stability	5 cycles at 20°F

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