



Millennium Series 4010

Urethane Wood Flooring Adhesive

Millennium Series

DESCRIPTION:

Millennium Series 4010 Urethane Wood Flooring Adhesive is a moisture cure urethane formulated for fast grab with excellent green strength to prevent boards from slipping in wet adhesive. It has extremely strong shear and tensile strength yet remains elastic and elongates to prevent breaking the bond to the sub-floor under natural wood movement, making it the perfect adhesive to accommodate the exotic woods that expand and contract substantially with changes in humidity.

The low slump formulation of Millennium Series 4010 allows trowel ridges to hold their form reducing hollow spots and costly repair time and expense. MS 4010 is suitable for installing all types and brands of hardwood flooring designated as "glue-down" by the wood manufacturer. Millennium Series 4010 is low in odor and VOC compliant.

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 3/16" in 6' 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. **VERY IMPORTANT:** Select the correct trowel for the wood you are installing from the trowel chart. Using the incorrect trowel will void this adhesive warranty.
2. This is a wet-lay adhesive. Do not spread more adhesive than can be covered within 30 - 45 minutes.
3. Moisture cures this adhesive. It is the installer's responsibility to gauge the rate of cure as it can vary greatly, depending on ambient humidity.
4. Always refer to the wood flooring manufacturer for sub-floor moisture requirements and testing procedures before proceeding with the installation. Do not use if the substrate exceeds the wood flooring manufacturer's moisture limits.
5. Good transfer of the adhesive to the wood is critical. Periodically, pull back a board that has just been installed, and make sure there is 100% adhesive transfer to the board.
6. HVAC must be operational.

ADDITIONAL APPLICATIONS:

Approved for use with rubber tile, rubber stair treads & nosings and recycled rubber flooring. Most applications require a 1/16" square notched trowel.

RECOMMENDED SUBSTRATES:

- Concrete
- Portland Based Underlayments
- Properly Prepared Gypsum
- APA Approved Plywood
- Terrazzo
- Fiber Cement Underlayment
- Radiant Heated Subfloors
- Properly Prepared VCT (Single Layer)
- Properly Prepared Sheet Vinyl (Single Layer, fully adhered)

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. Do not install over adhesive residue including cutback.
3. Do not install when ambient temperature is not between 60^oF & 95^oF.
4. Do not install when ambient relative humidity is above 65%.
5. 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 -5 Gallon Pail

WARRANTY:

Royal Adhesives and Sealants provides a limited warranty for this product when used in accordance with printed specifications. A copy of the limited warranty can be obtained by calling technical service at 800 763-7272 or visiting www.parabond.com.

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FLOORING	TROWEL	ESTIMATED SPREAD RATE
For 5/16" Solid, Engineered Plank less than 3/8"	<p>1/8" x 1/8" x 1/8" SQ</p>	55-65 sq/ft per gallon
For Engineered Plank 3/8" to 9/16" thick and less than 5" wide and 1/2" solids	<p>3/16" x 3/16" x 3/16" SQ</p>	35-40 sq/ft per gallon
For Engineered Plank 5" or wider and 3/4" Solids	<p>1/4" x 1/4" x 1/4" SQ</p>	25-30 sq/ft per gallon
For Parquet Wood Tile	<p>3/32" x 3/32" x 3/32" SQ</p>	70-80- sf/ft per gallon

Technical Data	
Base	Urethane Adhesive
Color	Tan
Solids	83-86%
VOC Content	<30 grams / Liter
pH	N/A
Consistency	Creamy Liquid
Trowelability	Smooth
Shelf Life	One Year in Unopened Container
Storage	40 ^o -95 ^o F in a cool dry location
Application Temperature	65 ^o -95 ^o F (18 ^o -35 ^o 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	Store Above 40 ^o F in a cool dry location

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