



# URETHANE Wood Flooring Adhesive



- Non-slumping formula • Superior strength • Low odor

PALMETTO ROAD URETHANE Wood Flooring Adhesive is a low-VOC, one-component, moisture-cured urethane adhesive (designed for use on high moisture slabs) for the installation of multi-ply engineered wood, high-density fiber board core wood and acrylic impregnated wood plank, as well as finished and unfinished solid wood flooring (approved in writing by the wood flooring manufacturer for glue down installations), parquet and bamboo over properly prepared concrete and wood substrates. Follow NWFA guidelines when installing solid wood flooring directly to concrete substrates. PALMETTO ROAD URETHANE's superior strength and elasticity gives quieter, cushioned floor installations. Designed for easy trowel-on, non-slump application.

- No moisture or pH testing required when installing engineered plank on bare concrete substrates above or on-grade. Substrate must be visibly dry with no wetness or standing water. ONLY multi-ply plywood core or Hevea (Rubberwood) core flooring qualify under this category.
- For above or on-grade installations of solid wood, bamboo plank, highdensity fiber board core wood and below-grade installations of multiply engineered wood, PALMETTO ROAD URETHANE may be used on concrete slabs with Relative Humidity (RH) readings up to 90% per the latest version of ASTM F2170 and pH between 8.0-10.0.

#### BEFORE YOU BEGIN:

**Important:** Proper substrate preparations are essential. Moisture testing must be performed and documented before installation begins. Read Technical Bulletin titled Substrate Preparation for complete instructions before beginning installation. This document may be obtained by calling 800-922-2287 before you begin.

#### SUBSTRATE PREPARATION:

1. For use on concrete substrates at least 60 days old constructed in accordance with ASTM E1745. Do not use this adhesive on concrete slabs with hydrostatic pressure, water intrusion or where visible signs of moisture are present.
2. Substrates should be structurally sound, well attached, clean, dry and free of existing adhesives, grease, wax, paint, oil, curing or sealing compounds, or any other material that will affect adhesion. Do not use on chemically cleaned substrates. The substrate should be flat within 1/8" over an 8-foot span. Level substrate and fill all cracks, holes and low spots with a polymermodified Portland cement patch or leveling compound.  
NOTE: "Hollow spots" are a phenomenon that can occur when wood flooring is installed over an irregular substrate and are an installation issue, NOT an adhesive issue.
3. Burnished or steel-troweled concrete substrates must be inspected for porosity by placing a few drops of water on the surface. If the water is not absorbed within 3 minutes, the substrate should be considered non-porous. Mechanically abrade the surface until porosity is achieved.
4. The installation site should be acclimated with HVAC in operation. The floor and room temperature, as well as flooring materials and adhesive, should be maintained at 65°– 85° F and the humidity between 40%-65% for 72 hours

prior to, during, and after the testing and installation.

#### INSTALLATION:

1. After referring to the wood manufacturer's layout instructions for expansion space requirements, spread adhesive in a run that is approximately 24" wide or comfortable for your reach. Wear rubber gloves if skin contact may occur. Begin installing wood flooring when adhesive has been spread over a sufficient area. Never spread more adhesive than you can install in 60 minutes. It is recommended the adhesive be applied by trowel in one direction perpendicular to the wood direction.
2. Working time can be up to 1 hour or longer under prescribed installation temperature and humidity.
3. Pick up boards periodically during the installation process to insure proper adhesive transfer. Transfer requirement is 100% for all flooring. Inadequate transfer will void any warranties.
4. After the flooring is placed, roll the entire installation with a 100 lbs. smooth roller.
5. Clean up with a clean cloth dampened with mineral spirits before the adhesive cures.
6. Allow the adhesive to cure for 24 hours before allowing foot traffic. Wait 48 hours before moving heavy furniture.

NOTE: Wood is a natural product and as such will grow and shrink if not kept in an acclimated environment. Southern Diversified Distributors cannot be held responsible for this natural occurrence.

#### PRODUCT LIMITATIONS AND APPLICATION DIRECTIVES:

The adhesive must not be used on wet, frozen, friable or contaminated surfaces. Do not mix this adhesive or add water to it in the pail.

**WORKING TIME:** Approximately 60 minutes at 70° F and 45% RH.

**CURE TIME:** Under ambient conditions of around 70° F and 45% RH, allow the adhesive to set for 24 hours before allowing normal traffic.

#### TROWEL DIMENSIONS AND COVERAGES:

Approved wood flooring, Finger block parquet > 1/2" thick

Use a 1/4" x 1/4" Saw tooth trowel Approx. 30-35 sq/ft per gallon

#### LIMITATIONS:

Protect from freezing. Use with caution, read SDS for safety and health information.

#### SHELF LIFE:

Product is stable for 12 months in unopened container (store under ambient conditions in a dry area). Avoid excessive heat or cold. Store indoors at a temperature of 65°-95°F.

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