



**POWERHOLD**

# WOOD FLOORING ADHESIVE

**Pegamento de madera del suelo**

## DESCRIPTION:

POWERHOLD 7000 Wood Flooring Adhesive, is a high solids, cross linking, resin-based adhesive formulated for the interior installation of dry-back parquet, engineered wood plank, acrylic impregnated plank, and pre-finished and unfinished solid wood flooring.

## FOR USE OVER:

POWERHOLD 7000 can be used over APA grade underlayment plywood, association grade particleboard, cork underlayments, existing well-bonded vinyl, tile and sheet flooring, terrazzo, radiant heated subfloors where surface temperatures do not exceed 85°F (30°C), and concrete. Install above, on, or below grade, in the absence of excessive moisture and alkali. The pH levels of concrete should be between 5 and 9. While this adhesive is waterproof when cured, the wood flooring still must be protected from excessive moisture. Moisture levels of concrete must be below 3 lbs. per 1,000 square feet per 24 hours using an anhydrous calcium chloride test kit according to ASTM F-1869 test method. Wood underlayments must have a moisture content below 12% using a Tramex or Delmhorst wood moisture meter.

## PRIOR TO INSTALLATION:

Substrate must be sound, smooth, level, clean and dry. It must be free of dust, dirt, wax, loose paint, incompatible curing compounds or fire retardant chemicals, fungicides, release agents, sealers, or any other foreign substances that might interfere with a good bond. Substrate must be level to 3/16" in a 10 ft span (5 mm in a 3 m span). Fill all cracks, holes and low spots with a polymer modified cementitious patching or leveling compound and allow to fully cure before applying adhesive. Substrate, adhesive and wood flooring must be acclimated in an enclosed building with the HVAC operational and running for at least 72 hours before, during and after the installation. The installation temperature and relative humidity must be controlled between 65° and 95°F, and between 30% and 60% relative humidity, subject to the floor manufacturer's requirements. Open time will vary with temperature and humidity or porosity of the substrate.

NOTE: Exotic species of flooring such as; Bamboo, Brazilian Cherry, Mahogany, and other exotic woods may behave differently than standard domestic hardwoods commonly used in flooring installations. It is essential that installation instructions for these types of flooring be carefully followed. Not recommended for Teak.

## INSTALLATION INSTRUCTIONS:

1. Follow wood flooring manufacturer's guidelines for layout, design and any special precautions for installation.
2. Spread adhesive using recommended trowel (see trowel recommendation chart). Parquet floors can be installed im-

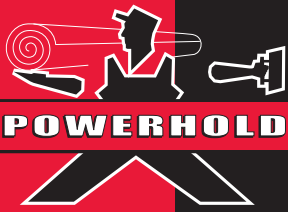
mediately after adhesive is spread. Working time is approximately 30 minutes when installing parquet under acceptable temperature and humidity conditions. When installing engineered plank and solid wood greater than 7/16" (11.10 mm) allow 10 minutes advance cure or "flash off" time. Working time is approximately 50-60 minutes under acceptable temperature & humidity conditions. When installing thin-gauged solid wood and exotic species 7/16" (11.10 mm) and less, allow 20 minutes advance cure or "flash off" time for optimum strength buildup before installing wood. Working time is approximately 40 minutes under acceptable temperature & humidity conditions. Adhesive must transfer 100% to the wood floor. If substrate is non-porous, a longer advance cure or "flash off" time may be necessary. NOTE: Thin-gauged solid wood and exotic species are very sensitive to job site conditions. Wood flooring manufacturer's and POWERHOLD written pre-installation instructions must be strictly followed or the POWERHOLD warranty will be void.

3. Lay wood flooring into adhesive. Wood may slip and move so be sure to secure the initial row to limit movement and hold patterns. Occasionally lift a piece of wood to assure adhesive is achieving 100% transfer. If proper transfer is not achieved remove dried adhesive and apply more using recommended trowel. The use of tape to temporarily hold the edges together may be necessary until installation is complete.
  4. When installing near a solid object or wall, leave ample room for expansion (see flooring manufacturer's recommended expansion guidelines). Installing wood too tight against a stationary object will not allow room for normal wood expansion, which may cause a failure. When installation is complete, use wedges or some object to hold wood in place while adhesive dries. Remove wedges after initial setting of adhesive (approximately 2 hours) to allow for normal expansion of wood. Failure to remove wedges can cause the wood flooring to buckle and pop off the substrate.
  5. Roll and cross roll floor with a 100-150 lb. (45.36-68.04 kg) roller at the end of the installation to ensure proper transfer of adhesive.
  6. When installing unfinished solid wood flooring, wait a minimum of 72 hours before sanding.
  7. When installing over radiant heated subfloors, turn the heat off for 24 hours before, during and 24 hours after installation. Failure to turn the heat off may result in shortened working time of the adhesive. Floor temperature must not exceed 85°F (29°C).
  8. Restrict light traffic for a minimum of 16 hours. Restrict heavy traffic for a minimum of 24 hours after installation is complete. Freeze-thaw stable.
- Clean Up: Remove wet adhesive with a damp cloth. If adhesive dries, clean-up with POWERHOLD Cleaning Solvent.

## CAUTION:

DO NOT take internally. If swallowed, DO NOT induce vomiting. Call a physician immediately. KEEP OUT OF REACH OF CHILDREN.

WOOD



# 7000

## TECHNICAL SPECIFICATIONS

For Product No.: ..... 7000  
Powerhold Trade Name: ..... Wood Flooring Adhesive  
VOC's: ..... Negligible  
Base: ..... Amide-ester-acrylate -resin blend  
Color: ..... Beige  
Consistency: ..... Smooth, medium viscosity paste  
Open Time: ..... Approximately 60 minutes  
Flammability: ..... Non flammable  
Freeze Thaw Stability: ..... Stable  
Clean Up -  
When Adesive is wet: ..... Warm Soapy Water  
When Adesive is dry: ..... Powerhold 50 Cleaning Solvent

## PACKAGING

4 Gallon (15.14L) and 1 Gallon (3.785L) Black Plastic Pails

## SHELF LIFE

1 - Year when stored in original, unopened container

## COVERAGES (APPROXIMATE)



**3/16" x 1/4" x 1/2" "V"**

Up to 80 sq. ft./gal  
Up to 2.0 sq. meters/liter  
4.8mm x 6.4 mm x 12.7mm  
• Thin gauged solid wood and exotic species 7/16" (11mm) thick or less



**3/16" x 1/4" x 5/16" "V"**

Up to 60 sq. ft./gal  
Up to 1.5 sq. meters/liter  
4.8mm x 6.4 mm x 7.9mm ....  
• Pre-finished / un-finished solid wood and exotic species 15/32"–3/4" (12mm–19mm) thick and engineered plank & acrylic impregnated plank – all thicknesses



**1/8" x 1/8" x 1/8"**

Up to 80 sq. ft./gal  
Up to 2.0 sq. meters/liter  
3.2 mm x 3.2 mm x 3.2 mm  
• Dry-back parquet



**1/16" x 1/16" x 1/16"**

Up to 250 sq. ft./gal  
Up to 6.1 sq. meters liter  
1.6mm x 1.6mm x 1.6mm  
• Cork tile, cork sheet, and cork underlayment:  
Install cork flooring into wet adhesive. Curled cork tile or cork sheet may require 5-10 minute advance cure time.