



POWERHOLD

URETHANE WOOD FLOORING ADHESIVE

Adhesivo de uretano para pisos de madera

DESCRIPTION:

Powerhold 7800 is a solvent free, one component, moisture curing polyurethane adhesive that resists hollow spots and has powerful bond strength. Powerhold 7800 provides subfloor moisture control up to 95% RH and 15 lbs. MVER when the Moisture Control installation method is used. Powerhold 7800 is ideal for glue down installation of engineered, solid or acrylic impregnated wood flooring and all subfloors common to wood flooring installation.

SUBFLOOR PREPARATION:

Prepare according to NWFA installation guidelines. The subfloor must be structurally sound, cured, flat and dry and free of contaminants or other residue that could interfere with a good bond. For application of Powerhold 7800 over ceramic tiles, it is necessary to grind the tile surfaces and vacuum thoroughly. Maximum acceptable floor variation is 3/16" (5.0 mm) in a 10 foot radius (4.7 mm in 3 m).

Moisture tests must be performed on all concrete subfloors. Moisture testing must be performed in accordance to ASTM F-1869 – Calcium Chloride Test, or ASTM F-2170 – in situ RH Probe Test. Always refer to the wood flooring manufacturer for subfloor moisture requirements and testing procedures before proceeding with the installation. For concrete with moisture levels higher than 95% RH or 15 lbs. (6.80 kg) use Powerhold 7950 which provides unlimited moisture protection.

Concrete Slab: Must be installed per ASTM F710 guidelines and cured at least 28 days. pH must be between 7-11. Do not use in areas subject to hydrostatic pressure.

Terrazzo: Surface should be sanded so that all polishes and glaze compounds are stripped. After sanding, thoroughly vacuum to remove all loose particles. Then, clean the substrate with mineral spirits and allow to dry before installing the wood flooring.

APA approved Plywood and OSB Type Subfloors: Panels must be securely fastened. Eliminate any movement with screws. Sand all high joints. Fill and patch low areas. Refer to flooring manufacturer for guidelines of moisture content difference between properly acclimated wood flooring and subfloor materials.

Radiant Heated Subfloors: Check flooring manufacture's specifications to determine if the flooring is approved over

heated subfloors. Powerhold 7800 is approved for use on hydronic system radiant heated subfloors, provided the system is fully embedded in concrete. Lightweight toppings must be primed first. Turn off the heat 48 hours prior to installation and leave the heat off until 48 hours after completion.

DIRECTIONS:

Review the Substrate Preparation instructions in this Product Data Sheet before beginning installation.

Glue Down Only Method

1. Reference the trowel chart in this Product Data Sheet and select the correct trowel for your application in the Glue Down Only Method section.
2. Do not spread more adhesive than can be covered within 30-45 minutes.
3. Adhesive working time and open time vary depending on temperature, humidity, and substrate.
4. Good transfer of the adhesive to the flooring is critical. Coverage should be at least 90%. Pull back a newly installed board periodically and inspect for proper coverage.
5. Trowels will wear down over time and must be changed regularly to achieve correct coverage.

Moisture Control Method

1. Reference the trowel chart in this Product Data Sheet and select the correct trowel for Moisture Control Method.
2. Trowel the adhesive parallel to wood flooring in 2'-3' (.6-.9 m) sections and place wood immediately into wet adhesive. Spread adhesive beyond where the last row of flooring stops to ensure there are no voids between stopping and starting points. **100% adhesive coverage of subfloor is required for moisture protection.**
3. Repeat step 2 to complete floor installation. Trowels will wear down over time and must be changed regularly to achieve correct coverage.

RECOMMENDED SUBSTRATES:

All substrates that meet NWFA standards:

- Concrete
- Plywood
- OSB
- Terrazzo
- Ceramic

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78000

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°F & 95°F (15°C & 35°C).
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.
6. Do not install when subfloor moisture vapor exceeds 95% RH (ASTM F2170) or MVER exceeds 15 lbs. per 1000 ft² (6.80 kg per 92.9 m²) per 24 hrs (ASTM F1869).

CAUTIONS

Read complete cautionary information printed on product container prior to use.

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.

WARRANTY:

Powerhold offers 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 800-832-9023 or visiting powerhold.com.

TECHNICAL DATA:

VOC Content :.....	<100 grams per liter
This product meets all SCAQM district requirements	
Consistency:.....	Creamy liquid
Trowelability:.....	Smooth
Storage:.....	40°-95°F (4.4°-35°C) in a cool, dry location
Application Temperature:.....	65°-95°F (18°-35°C)
Traffic Restrictions:.....	Foot Traffic after 8 hours, Heavy Traffic after 24 hours
Open Time:.....	Up to 45 minutes, depending on ambient conditions
Freeze/Thaw Stability:.....	Store above 40°F (4.4°C) in a cool, dry location
Acoustical Data:.....	IIC – 69 dB STC – 66 dB IIC – 50 (No drop ceiling)

PACKAGING

- 3.5 Gallon (13.25 L) Black Metal Pails
- 5 Gallon (18.93 L) Black Metal Pails







SHELF LIFE

One Year in Unopened Container



78000

RECOMMENDED TROWEL SIZE AND COVERAGE:

Glue Down Only Method		
Flooring Type	Recommended Trowel Size	Approximate Coverage
5/16" Fingerblock Parquet	 1/8" x 1/8" x 1/8" Square-notch trowel	55-65 ft ² /gal.
Engineered Plank or bamboo 1/2" or less and less than 7" wide	 3/16" x 1/4" x 1/2" V-notch trowel	60-70 ft ² /gal.
Engineered Plank or bamboo thicker than 1/2" or 7" or wider	 3/16" x 3/16" x 3/16" Square-notch trowel	35-45 ft ² /gal.
Solid Wood Plank, shorts or plywood	 1/4" x 1/4" x 1/4" Square-notch trowel	30-40 ft ² /gal.
Moisture Control Method		
Flooring Type	Recommended Trowel Size	Approximate Coverage
Parquet, engineered or solid plank or bamboo	 1/4" x 1/4" V-notch trowel	30-35 ft ² /gal.
For Use with Acoustic Underlayment		
Flooring Type	Recommended Trowel Size	Approximate Coverage
Crumb rubber or cork underlayment	 1/16" x 1/16" x 1/16" Square-notch trowel	85-95 ft ² /gal.