



POWERHOLD

CLEAR THIN SPREAD ADHESIVE

Adhesivo transparente de capa delgada

DESCRIPTION:

Powerhold 1500 Clear Thin Spread VCT Adhesive is a solvent-free adhesive designed for the installation of Vinyl Composition Tile. PH 1500 provides quick dry times and extended working time with up to 16 hours of aggressive tack.

SUBFLOOR PREPARATION:

Follow all manufacturer's recommendations and industry standards regarding sub-floor preparation. Moisture tests are required on all concrete sub-floors regardless of grade level or if the concrete is freshly poured or is classified as an older slab. Moisture testing should be performed by ASTM F1869 Calcium Chloride Tests with moisture levels not to exceed Five (5) pounds per twenty-four (24) hours per one thousand (1000) square feet, or ASTM F2170 In Situ Relative Humidity Test with readings not to exceed eighty (80) percent on existing slabs. New Construction Projects, or Green slabs can have a Moisture Vapor Emission Rate of up to eight (8) pounds per twenty-four (24) hours per one thousand (1000) square feet or 90% when tested in accordance with ASTM F2170.

DIRECTIONS:

Refer to all manufacturer's recommendations and approvals prior to installation. **For Indoor Use Only.** For best results install at 70°F (+/- 5°) and 50% R.H. (+/- 5%).

1. Floor must be clean, dry and free from paint, dust or concrete curing compounds, etc.
2. Cracks and uneven surfaces must be filled with an approved Cementitious underlayment compounds.
3. Adhesive and floor must be 65°F or higher.
4. Apply adhesive to the floor with the approved notched trowel in a thin uniform coat.
5. Allow adhesive to dry until it loses its milky appearance and does not transfer to finger when lightly touched. This will take thirty minutes to one hour, depending on temperature and humidity. When dry, the adhesive becomes tacky.
6. Tile may be installed once adhesive has dried and becomes tacky. Tile can be safely installed up to 16 hours later. Dry time and working time can be greatly affected by ambient temperature, humidity, porosity and other job-site conditions.
7. Install tile, carefully positioning material since tile will be difficult to slide once placed in adhesive. Rolling with a 50-100 lb. 3 section floor roller will achieve optimum adhesion.

8. Remove any excess adhesive from tile with soap and water. Tools may be cleaned with Mineral Spirits or Powerhold 050 Cleaner.

9. Keep container tightly covered when not in use.

Powerhold 1500 can be used over old cutback adhesive residue. Test: Simply scrape your finger or thumbnail across the questionable residue to ensure clean results to proceed.

RECOMMENDED SUBSTRATES:

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

RESTRICTIONS:

1. Do not use to install any vinyl (PVC) flooring.
2. For Interior installations only.
3. Do not install when MVER is over 8 lbs per 1,000 sf per 24 hours, per ASTM F1869 (over newly poured, green slabs).
4. Do not install when relative humidity is over 90%, per ASTM F2170 (over newly poured, green slabs).
5. Do not install when ambient temperature is not between 60°F & 95°F.
6. Do not install when ambient relative humidity is above 65%.
7. It is the sole responsibility of the installer to determine the suitability and compatibility of the adhesive for the user's intended use.

CLEAN-UP:

Remove wet adhesive immediately with a damp cloth. Use Powerhold 050 Cleaner or Mineral Spirits to remove dried adhesive. **CAUTION: Mineral Spirits are flammable. Read and follow all precautions on container label.**

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.

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TECHNICAL DATA:

Base Polymer:.....	Acrylic Polymer
Color:.....	Tan
Solids:.....	55-65%
VOC Content :.....	<1 gram per liter
pH:.....	9.5-10
Consistency:.....	Creamy Paste
Trowelability:.....	Light, Easy
Storage:.....	40°-95°F
Application Temperature:.....	65°-95°F (18°-35°C)
Traffic Restrictions:.....	Immediate foot traffic 24 hours heavy loads
Open Time:.....	16 hours depending on ambient conditions
Freeze/Thaw Stability:.....	5 cycles @ 0°F
Cleaning:.....	After 7 days

PACKAGING

4 Gallon (15.14L) Black Plastic Pails

SHELF LIFE

One Year in Unopened Container

RECOMMENDED TROWEL SIZE AND COVERAGE:



Porous substrates
Use a 1/16" x 1/16" x 1/16" square notch.
150-200 sf/gallon



Non-Porous substrates
Use a 1/16" x 1/32" x 1/32" U-notch.
200-300 sf/gallon