



**POWERHOLD**

# ULTRA RESILIENT FLOORING ADHESIVE

Adhesivo ultra para pisos flexibles

## DESCRIPTION:

Powerhold 6100 Ultra Resilient Floor Adhesive is a latex based adhesive that has been specially formulated for the installation of mineral fibrous felt-backed floor covering. Powerhold 6100 dries light in color and will not create any adhesive induced (below the surface) discoloration.

While the adhesive is designed to meet the challenges of poorly ventilated areas, sufficient air exchanges are still required to ensure proper curing of any latex-based adhesive.

Powerhold 6100 Adhesive is LEED compliant and also meets South Coast Air Quality Management District Rule 1168.

**E.Q. 4.1:** Low-Emitting Materials: Adhesives & Sealants

**E.Q. 4.3:** Low-Emitting Materials: Carpet Systems

**M.R. 5.1:** Regional Materials: 10% Extracted, Processed & Manufactured Regionally

**M.R. 5.2:** Regional Materials: 20% Extracted, Processed & Manufactured Regionally

100% of all Raw Materials used to manufacture this adhesive are Extracted, Processed and Manufactured Regionally.

**\*LEED points are based on all materials used on a project.**

## SUBFLOOR PREPARATION:

Follow all manufacturer's recommendations and industry standards regarding sub-floor preparation (ASTM F710). Moisture tests are required on all concrete sub-floors regardless of grade level, if freshly poured or classified as an older slab. Moisture testing should be performed by ASTM F1869 Calcium Chloride Tests with moisture levels not to exceed six (6) 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-six (86) percent. Additional information with regard to these tests and results can be obtained through Powerhold's Technical Service Department.

## DIRECTIONS:

1. Subfloor must be clean, dry, smooth and free of any contamination, which may interfere with the adhesive bond. Follow ASTM F3191 to identify acceptable levels of surface porosity.
2. Follow floor covering manufacturer's recommendations regarding layout, cutting, seaming and maintenance.

3. Place floor covering into wet or tacky adhesive and roll in both directions with a minimum 75 lb. roller. **NOTE:** Surface porosity and material backing will dictate the "wet" or "tacky" adhesive procedure.
4. Lift floor covering periodically to check adhesive transfer to the backing. A 100% adhesive transfer is required to promote maximum adhesion. **NOTE: 6100 open time is 30-45 minutes. Substrate porosity, ambient temperature and humidity will dictate exact open time.**
5. Refer to floor covering manufacturer's recommendations regarding proper seaming (cutting), seam sealing and maintenance procedures.

## 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 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 over adhesive residue including cutback.
4. Do not install when MVER is over 5 lbs per 1,000 sf per 24 hours, per ASTM F1869.
5. Do not install when relative humidity is over 80%, per ASTM F 2170.
6. Do not install when ambient temperature is not between 60°F & 95°F.
7. Do not install when ambient relative humidity is above 65%.
8. It is the sole responsibility of the installer to determine the suitability and compatibility of the adhesive for the user's intended use.

6100



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## CLEAN-UP:

Fresh adhesive can be removed immediately with a damp cloth. If adhesive has dried, sparingly use Powerhold 050 Cleaner or Mineral Spirits. NOTE: Mineral Spirits may cause surface dull spots. Do not allow solvent to penetrate seam lines, as excess 050 will dissolve adhesive bond.

**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](http://powerhold.com).

## TECHNICAL DATA:

Base Polymer:.....	SBR
Color:.....	Light Tan
VOC Content :.....	<1 gram per liter
pH:.....	9.3
Consistency:.....	Paste
Storage:.....	40°-95°F
Application Temperature:.....	60°-95°F
Traffic Restrictions:.....	Foot Traffic after 12 hours, Heavy Traffic after 24 for wet-set Foot Traffic after 4 hours, Heavy Traffic after 12 hours for dry-set
Open Time:.....	30-45 minutes depending on porosity and ambient conditions
Freeze/Thaw Stability:.....	5 cycles @ 20°F

## PACKAGING

4 Gallon (15.14 L) Black Plastic Pails

## SHELF LIFE

One Year in Unopened Container

## RECOMMENDED TROWEL SIZE AND COVERAGE:



Felt-Backed Sheet Flooring (non-porous) <0.080"  
Use a 1/16" x 1/32" x 1/32" U-notch  
200-300 sf/gallon or 22-33 sq/yards per gallon



Felt-Backed Sheet Flooring (Porous) >0.080"  
Use a 1/16" x 1/16" x 1/16" Square-notch  
162-180 sf/gallon or 18-20 sq/yards per gallon



Felt-Backed Sheet Flooring (Porous)  
Use a 1/16" x 1/16" x 1/16" V-notch  
180-200 sf/gallon or 20-22 sq/yards per gallon