



**POWERHOLD**

# MULTI-PURPOSE FLOORING ADHESIVE

Adhesivo multi-propósito para pisos

## DESCRIPTION:

Powerhold 3000 Multi-Purpose Adhesive is a quick grabbing adhesive designed for installing carpet in a direct glue down application and installing fibrous felt back sheet flooring. It is recommended for the installation of the following carpet backings: Action-Bac, Sponge-Rubber, Latex Unitary, High Density Foam, Latex Foam, and the majority of carpet backings found in the market place today.

It is not recommended for vinyl-backed carpet, cushion backed vinyl, unitary backed carpet, outdoor applications or where excessive moisture or hydrostatic pressure is present.

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 3000 Adhesive is LEED compliant and is also compliant with 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. 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 five (5) pounds per Twenty-Four (24) hours per one thousand (1000) square feet or, ASTM F2170 In Situ Relative Humidity Test with moisture levels not to exceed eighty (80) 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. Seal all chalky, very porous.

2. Follow floor covering manufacturer's recommendations regarding layout, cutting, seaming and maintenance.
3. 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.
4. Spread adhesive with the recommended notched trowel leaving ridges of sufficient height to establish complete transfer to back of floor covering. Trowel sizes may need to be adjusted due to subfloor porosity, floor covering backing and open time requirements.
5. Lay most floor coverings into adhesive within 30 minutes. Lift floor covering periodically to check adhesive transfer to the backing. 100% adhesive transfer is required to promote maximum adhesive bond.
6. Roll carpet using the floor covering manufacturer's recommended roller shortly after installation. Seams require seam sealing.
7. Follow the Carpet and Rug Institute Carpet Installation Standard 2009 where appropriate.

## 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 or 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.

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

## TECHNICAL DATA:

Base Polymer:.....	SBR
Color:.....	Light Tan
VOC Content:.....	<1 gram per liter
pH:.....	9.6
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:.....	30-40 minutes depending on porosity and ambient conditions
Freeze/Thaw Stability:.....	5 cycles @ 20°F

## PACKAGING

- 4 Gallon (15.14 L) Black Plastic Pails
- 1 Gallon (3.79 L) Black Plastic Pails

## SHELF LIFE

One Year in Unopened Container

## RECOMMENDED TROWEL SIZE AND COVERAGE:



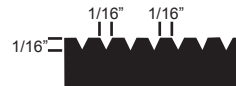
Moderate Backed Carpet  
Use a 1/8" x 1/8" x 1/8" V-notch  
11 sq/yards per gallon



Heavy Backed Carpet  
Use a 1/8" x 1/8" x 1/8" U-notch  
10 sq/yards per gallon



Felt Backed Sheet Flooring (Porous)  
Use a 1/16" x 1/16" x 1/16" Square-notch  
20 sq/yards per gallon



Felt Backed Sheet Flooring (Non-Porous)  
Use a 1/16" x 1/16" x 1/16" V-notch  
23 sq/yards per gallon