



POWERHOLD

TYPE 1 MASTIC

Adhesivo para Baldosas

DESCRIPTION:

Powerhold Type 1 Mastic can be used for installing ceramic, porcelain, natural stone, quarry and mosaic tile on interior floors and walls. Recommended for floor applications with tile up to 8" x 8" and wall applications with tile up to 12" x 12". It meets ANSI A136.1 Type I and II specifications, spreads easily, sets quickly, and is easy to clean up.

SUBFLOOR PREPARATION:

Prior to application, all surfaces must be clean, uncoated, dry and free of grease, oil, loose paint, wallpaper, adhesive residue, or other contaminants. Painted surfaces must be scored or sanded. All materials, room, and adhesives should be at a minimum 60°F for 24 hours before and 48 hours after installation.

Before grouting all tiles must be firmly set: Up to 6" x 6" wall tile, minimum 6 hours or more. Over 6" x 6" tile, minimum 24 hours or more.

Cold temperatures, high humidity, non-porous substrates, low air-circulation, or larger non-absorptive (porcelain) tiles will extend set times.

DIRECTIONS:

The adhesive, tile, and room should be maintained at a minimum temperature of 60°F for 24 hours prior to installation. The minimum 60°F temperature must be maintained during the entire installation, and for a minimum of 48 hours following.

Use a 3/16" x 5/32" V-notched trowel for installation of tile up to 6" x 6". For tiles larger than 6" x 6", use a 1/4" x 1/4" x 1/4" square-notched trowel. Maximum tile size: for walls is 12" x 12"; for floors is 8" x 8".

Only apply the amount of adhesive to surface that can be tiled over in 15 minutes. **DO NOT SET TILE IF SKIN HAS FORMED ON THE ADHESIVE.** If adhesive skin has formed, remove and reapply. This time will vary with the temperature, humidity, and the substrate. Apply the adhesive to the substrate first with the flat side of the trowel. Then comb with the notched side of the trowel in one direction. Firmly press tiles into the adhesive and move them perpendicularly across the ridges. Do not slide tiles against each other. Periodically remove and check a tile to assure complete coverage.

Cure times will vary with size and porosity of tile and porosity of floor (porcelain tiles take considerably longer to cure), humidity and temperature (cooler temperatures will extend set times). Typical floor installations take longer to cure. No traffic is permitted on tiles prior to curing.

Grouting may begin once adhesive is firmly set up. Up to 6" x 6" wall tiles require wait time of 6 hours or longer. Over 6" x 6" tile or any floor tile application requires at least 24-48 hours. Check to determine readiness by trying to twist the tile and see if it moves. If it does, additional cure time is required. If the tile won't twist but you hear a wet suction sound when the tile is stepped on, additional cure time is also required.

Full cure takes at least 48-72 hours depending on conditions. The finished installation must be protected from freezing until completely cured.

For glass tile, refer to manufacturer's specifications. For marble and granite installations, test in an inconspicuous area as discoloration may occur. Most discoloration disappears after 30 days. For proper curing, do not abut marble tiles together.

RECOMMENDED SUBSTRATES:

When properly prepared, suitable substrates include:

- Cured portland cement plaster
- Gypsum wallboard (walls only)
- Exterior grade plywood (floors only, over two 5/8" layers, joists 16" on center)
- Cementitious backer units (CBU)
- Fiber cement underlayment
- Coated glass mat backerboard
- Well cured, moisture tested concrete not subject to dampness or moisture vapor emissions. Installations where concrete is damp or the concrete is subject to moisture vapor emissions can fail.

RESTRICTIONS:

1. Not for use in conjunction with PVC heating mats or coils, or over polyethylene membranes.
2. Not for use over anti-fracture & waterproofing membranes, sheets or mats.
3. Not for use on shower floors or pans, in steam rooms, in steam showers, swimming pools, or any place that will receive standing water.
4. Not for use on any non-porous substrate
5. Not for use for leveling or in excess of trowel recommendations.
6. Not for exterior use.
7. Not for use where temperature will exceed 120°F.
8. Not for use over lauan, MDF, particleboard, or Masonite®*. (See Suitable Substrates.)
9. Not for use with green marble, or to install resin backed marble or resin backed aggregate marble.

* Masonite is a registered trademark of Masonite Corporation.



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- 10. Not for setting any marble over plywood floors or plywood countertops.
- 11. Not for use with glass tile.
- 12. Not for use with lug back floor tile.
- 13. Not for setting ceramic accessories such as towel bars, soap dishes, and grab bars.
- 14. Not to be used underneath most backerboards. (Check manufacturer instructions.)

CAUTIONS

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

CLEAN-UP:

While adhesive is still fresh, clean tools, hands, and excess materials from face of tile with warm soapy water.

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:

Base:.....	Acrylic Latex
Physical State:.....	Paste
Color:.....	White
Odor:.....	Nil
Open Time [at 72°F (22°C)]:.....	20 to 35 minutes
Wt./U.S. Gallon:.....	12.5 lbs. ± .2 lbs.
VOC/Liter of Material:.....	1.3 g/L
Foot Traffic Rating (ASTM C627):.....	Residential to light commercial
Storage:.....	Store in cool, dry location. Do not store open containers. Freeze/thaw stable.

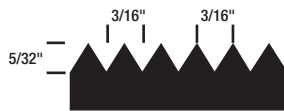
PACKAGING

3.5 Gallon (13.25 L) White Plastic Pails

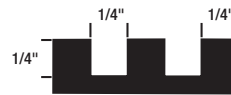
SHELF LIFE

Maximum 1 year from date of manufacture in properly stored, unopened package. Good for 6 months if tightly re-sealed, stored in a cool, dry location and used within shelf life.

RECOMMENDED TROWEL SIZE AND COVERAGE:



Tile size Up to 6" x 6"
 Use a 3/16" x 5/32" x 3/16" V-notch
 27-32 sf/gallon



Wall Tile 6" x 6" – 12" x 12"
 Floor Tile 6" x 6" – 8" x 8"
 Use a 1/4" x 1/4" x 1/4" Square-notch
 18-23 sf/gallon