

Mastik 500 Type 1 Ceramic Tile Mastic

1 Product Name

Mastik 500 Type 1 Ceramic Tile Mastic

2 Manufacturer

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3 Product Description

MASTIK 500, a Type I mastic, is an excellent acrylic based latex with added polymers specifically designed for use in areas requiring prolonged water resistance.

Uses

Installation of ceramic tiles on walls and floors when a short open time is desirable.

Suitable Substrates

Use only on structurally sound interior surfaces such as plaster, plasterboard, gypsum wallboard, exterior or marine grade plywood, masonry concrete and WonderBoard® Backerboards, that are not subject to extreme constant moisture.

Limitations to the Product

Not for exterior use. This adhesive is not recommended for lug back tile or setting ceramic tile fixtures. Not intended for large floor tiles.

4 Technical Data

Applicable Standards

Meets or exceeds ANSI A136.1 — 1992 Type I specification.

Technical Chart

Technical Data	Typical Value
Base	Acrylic Latex Polymers
Coverage	Floors: Approximately 75 sq. ft. per gal. (1.8 m ² per L) Walls: Approximately 60 sq. ft. per gal. (1.5 m ² per liter)
Open Time	75 minutes
Weight Per Gallon	11.5 pounds (5.7 kg)
Shelf Life	1 year unopened
Temperature Limits	-10°F to 130°F (-23°C to 54°C)
Storage	Nonflammable, Freeze/Thaw stable
Shear Strength Type I	Passes
Type I Water Immersion	Passes



5 Instructions

General Surface Prep

All grease, calcimine, loose scaly paint, wallpaper, dust, and dirt should be removed before MASTIK 500 is spread. Painted enameled walls and floors must be thoroughly scored or sanded to ensure bond to original base wall and floor. Moisture areas, such as shower and tub enclosures, should be primed by spreading a skim coat of adhesive with the flat side of the trowel. Shower floors and other areas subject to extreme moisture should be installed with thin set mortar. Cut away plaster, or wallboard, etc. 1/2" (13 mm) above tub or shower base and fill with mastic. The adhesive, tile and room should be at least 72° F (22° C) for 48 hours before and after installation. Installations where constant dampness or hydrostatic pressure is present are not recommended.

Mixing Procedures

Factory pre-mixed, ready for use.

Application of Product

Floors

Spread mastic with a wavy motion. Use a 1/16" x 1/16" x 1/16" (1.6 x 1.6 x 1.6 mm) notch trowel for ceramic mosaic tile. For ceramic floor tile use a 3/32" x 3/32" x 1/8" (2.4 x 2.4 x 3.2 mm) notch trowel. Apply only enough adhesive that can be covered in 15 minutes. Do not set tiles after skin has formed on the mastic. This time will vary due to temperature, humidity and subfloor. Apply tile with a slight twisting motion and tap firmly.

Walls

Spread mastic with a wavy motion. Use a 3/16" (5 mm) V-notch trowel. Spread only enough adhesive that can be covered in 30 minutes. Do not set tile after skin has formed on the mastic. This time will vary due to temperature, humidity and subsurface. Apply tiles with a slight twisting motion and press firmly into place. Do not slide tiles against each other. Start tiling walls at top or bottom. Tile may be grouted 24 hours after installation. This adhesive is not recommended for setting ceramic tile fixtures.

Cleaning of equipment

Fresh mastic may be removed with a wet, soapy cloth. Dried adhesive can be removed with a razor blade. Keep tools in water when not in use.



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Health Precautions

Contains VM and P Naptha, and Ethylene Glycol. Use only in a well ventilated area. Open doors and windows to create cross ventilation. Avoid prolonged breathing of vapors or mist. Keep container closed when not in use. Harmful or fatal if swallowed. Avoid prolonged or repeated contact with skin. KEEP FROM FREEZING. KEEP OUT OF REACH OF CHILDREN.

First Aid

Inhalation: Move person to fresh air. Call physician immediately.
Ingestion: Call physician immediately.

Skin Contact: Remove fresh adhesive with warm soapy water. If irritation occurs, call physician immediately. Eye Contact: Flood eyes with large quantities of water. Call physician immediately.

6 Availability & Cost

1 quart (0.95 L) can, 12 per case; 1 gallon (3.78 L) can, 4 per case; and 3-1/2 gallon (13.25 L) pail.

Item Code

151001

151003

151007

7 Product Warranty

Seller warrants that should this product prove to be defective material, it will replace the same or refund the purchase price of the goods. THIS WARRANTY IS IN PLACE OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED. WARRANTIES OF MERCHANTABILITY AND OF FITNESS ARE HEREBY DISCLAIMED. The suitability of a product for an intended use shall be solely up to the user. Seller assumes no liability for consequential damages. Its liability shall in no event exceed the purchase price of the materials supplied by it. No person has the authority to change these items and there are no warranties except as herein stated.