



AVM Epoxy Primer 400

Heavy Duty, Hi Adhesion, Water-Based Epoxy Primer

Sections 071800 / 071813
Fluid Applied Waterproofing

Product Name

AVM Epoxy Primer 400

Manufactured by

AVM Industries, Inc.
8245 Remmet Ave, Canoga Park, CA 91304
888.414.1041 818.888.0050
www.avmindustries.com

Product Description

AVM Epoxy Primer 400 is a Hi-Performance Hi-Adhesion Zero VOC Water-Based Epoxy Primer.

Advantages

- Long lasting Adhesion
- Bonds to many different substrates and surfaces
- Easy to Clean
- Can have foot traffic after 20-30 minutes @70°F.
- Interior or Exterior

AVM Primer 400 is environmentally friendly, non toxic, non flammable and has no odor when dry. Furthermore, it helps reduce efflorescence and moisture vapor from leaching through.

Where to Use

Epoxy primer 400 is a multi-purpose water-based Epoxy Primer. AVM Epoxy Primer 400 will bond to most substrates including concrete, wood, metal, cement boards, drywall, old sealers, old tiles, stone etc. Using AVM Epoxy Primer 400 will allow you to apply many coatings to many different substrates when bonding is a challenge or when the ultimate adhesion is required.

Warranty

If sold as part of an AVM system, refer to that system's warranty for details. If sold as a stand-alone primer, AVM's standard 1 year warranty applies. For complete warranty information, go to www.avmindustries.com.

Delivery, Storage, and Handling

- Delivery of the AVM Primer 400 components must be in their original sealed containers, with manufacturer's name and label intact.
- Handle and store containers in accordance with printed instructions.
- Store at temperatures between 50°F and 90°F. Do not store materials in direct sunlight or where they may be damaged by water or rain.
- Keep all materials out of the reach of children.



- If irritation occurs during use, liberally flush affected areas with water. If irritation continues, see a physician immediately.
- Shelf life is one year from manufacturing date in sealed, unopened containers.

Project Conditions

- Do not apply materials at temperatures below 50°F, or if precipitation is imminent, or above 90°F if applying in direct sun light.
- Provide adequate ventilation during installation.
- Warn personnel against hazards of materials to skin and eyes.
- Protect adjacent surfaces which could be damaged during the application.

System Application

Install the Top Coat Sealer 4100 in accordance with its Installation Instructions.

Preparation

Preparation: The substrate surfaces must be structurally sound, clean, dry, and free of efflorescence, dust, dirt, silicone, oil and other contaminants that would prevent the proper penetration and/or bonding of the AVM Primer 400 to the substrate. Joints or cracks should be sealed or filled prior to the application of the AVM Primer 400. AVM Primer 400 may be applied directly over other coatings as long as they are in good condition and properly attached to their substrates. For improved bonding and long lasting adhesion, it is recommended to remove all existing coatings, paints, etc, prior to the application. Depending on existing conditions, additional preparation such as sandblasting or water-blasting might be required, especially when bonding to older cementitious surfaces (Concrete, blocks, slabs, bricks, etc). If you intend to apply the AVM Primer 400 over an existing coating or sealer, make sure it's clean (Pressure washing is highly recommended) and then do a test in a small area to ensure proper bonding. Metal flashings and other sheet metal based surfaces need to be thoroughly cleaned and have all oils, grease etc removed. Lightly sanding these surfaces is highly recommended since it will significantly increase bonding.

Mixing: Mix part A separately for 60 seconds using a drill and clean paddle. Mix part B separately for 60 seconds using a drill and clean paddle. Then combine Part A and Part B into a single container and thoroughly mix for 2 additional minutes using a drill and clean paddle. (Product is supplied in kits, so no pre-measuring is required. Make sure to use the entire contents of both Part A and Part B!) AVM Primer 400 is now ready to be applied. (Do not use the primer if it has thickened considerably or if more than 6-8 hours have passed since Part-A and Part-B were mixed together)

Installation

The AVM Primer 400 can be applied using a sprayer, a brush or roller. When applying with a roller, use a small or medium nap roller cover. Do not over apply material. (Apply a thin coat). If necessary, after the first coat has cured, apply a second coat. Highly porous or difficult to paint substrates, such as split face or Routed blocks, raked joints, etc, may need a second coat to ensure complete and proper coverage and protection. A second application can be made any time after the first coat has sufficiently cured. (Typically 30-60 minutes in 70°F and 50% relative humidity)

Quality Control

- Visually inspect all coated surfaces to ensure a full and proper coating application, especially at corners, drainage scuppers and other hard-to-reach areas.
- All unsatisfactory areas shall be re-coated before proceeding with other coatings.

Protection of Installed Work

For best results the completed sections shall be protected from all pedestrian traffic until the surface is sufficiently cured. (The amount of drying time may vary depending on temperature and humidity conditions) Typically, light foot traffic may resume after 30-60 minutes.

Applying Coatings over the primer

All coatings must be applied over the primer within 8 hours of primer application. If more than 8 hours have gone by since the primer was applied, RE-PRIME!

Clean Up

Tools may be cleaned with water before resins are dry.

Availability and Cost

Contact AVM Industries or your approved applicator for pricing and availability.

Technical Services

Technical services are available by contacting our offices at: **888.414.1041** or **818.888.0050** or visit **www.avmindustries.com**

Coverages: Over concrete or metal approx 300 Sq.Ft. per gallon. Over plywood approx 250 Sq.Ft. per gallon. Coverages may vary based on project conditions, method of application and other factors.

Caution: Wear eye protection. Avoid eye contact or prolonged contact with skin. Wash thoroughly after handling. If eye irritation occurs, liberally flush for 15 minutes & consult a physician immediately.

Shelf Life: One year from date of manufacture in original, sealed, unopened containers.

KEEP OUT OF REACH OF CHILDREN DO NOT TAKE INTERNALLY

Warning: Non Flammable. Avoid breathing vapors or spray mist. Avoid prolonged contact with skin. Will cause injury if ingested. Wash hands thoroughly with warm water and soap after use, especially prior to eating or smoking. Use with adequate ventilation. If any symptoms occur due to the usage or handling of this product, consult a physician immediately.

System Specifications:

The following coverages are based on controlled tests. Actual coverages may vary.

| Material | Over Concrete or Metal Surfaces | Over wood, sealed or textured surfaces | Over Porous Surfaces (CMU) |
|----------------------|---------------------------------|--|----------------------------|
| AVM Epoxy Primer 400 | 300 sq. ft./gal. | 250 sq. ft./gal | 150 sq.ft./gal |

| Item / Component | Packaging | Approx Shipping Weights | VOC |
|-----------------------|-----------|-------------------------|---------------|
| 1.25 Gal Kit | | | |
| AVM Primer 400 Part A | 1.00 gal. | approx 10.0 lbs. | 0 Grams/Liter |
| AVM Primer 400 Part B | 0.25 gal. | approx 2.4 lbs. | 0 Grams/Liter |
| 5 Gal Kit | | | |
| AVM Primer 400 Part A | 4.00 gal. | approx 38.0 lbs. | 0 Grams/Liter |
| AVM Primer 400 Part B | 1.00 gal. | approx 9.0 lbs. | 0 Grams/Liter |

For a complete list of details in BIM (revit), CAD or PDF, please visit our website at www.avmindustries.com.

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