



AVM 410 Epoxy Primer

Two Component, 100% Solids, Vapor Control Epoxy Primer

Sections - 071800/071816/096700/096713

Product Name

AVM 410 Epoxy Primer

Manufactured by

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

Product Description

Composition: AVM 410 Epoxy Primer is a two-component, 100% solids, liquid applied, epoxy primer and moisture mitigation system. It has a low viscosity and excellent adhesion to various substrates.

Where to Use

AVM 410 Epoxy Primer may be used with various AVM waterproofing systems and deck coatings. It is specifically formulated to improve acrylic and polyurethane elastomeric membrane adhesion to concrete and plywood and to properly treated metal. AVM 410 Epoxy Primer is compliant with Southern California's AQMD's requirements.

Warranty:

AVM Industries warrants this product to be free of defects in workmanship and materials only at the time of shipment from our factory. If any AVM materials prove to contain manufacturing defects that substantially affect their performance, AVM will, at its option, replace the materials or refund its purchase price. This limited warranty is the only warranty extended by AVM with respect to its materials. There are no other warranties, including the implied warranties of merchantability and fitness for a particular purpose. AVM specifically disclaims liability for any incidental, consequential, or other damages, including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever. The dollar value of AVM's liability and buyer's remedy under this limited warranty shall not exceed the purchase price of the AVM material in question.

Delivery, Storage, and Handling

- Delivery of the 410-Epoxy Primer materials to the job site must be in their original sealed containers, with manufacturer's name and label intact.
- Handle and store containers and bags 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.

Installation

Surface Requirements: Successful bonding requires structurally sound and clean substrates. The substrate must be cleaned to ensure that it is free of all oils, any laitance, greases or other contaminants, such as concrete curing compounds, that may cause poor adhesion of the AVM 410 Epoxy Primer. After cleaning, the surfaces should be rinsed thoroughly to remove loose particles and dust created during shot-blasting or grinding and traces of any cleaning chemicals which may have been used. Primers, adhesives, detailing, membranes, etc. should not be applied until the surface is dry.

Mixing Instructions: Both Part-A and Part-B should be thoroughly agitated prior to mixing to ensure a homogeneous material. The AVM 410 Epoxy Primer must always be mixed in the ratio of two parts Part-A with one part Part-B (Part-A: Part-B = 2:1). The combined components should be thoroughly mixed for at least 2 minutes. Induction time is not required.

Application: The AVM 410 Epoxy Primer should be applied at the approximate rate of 1 gallon per 300 square feet. It can be applied using a brush or phenolic core roller. Actual coverage may vary based on job conditions and other factors. For moisture mitigation, apply the 410 Epoxy Primer at the rate of 225 sq.ft. /gallon to a minimum thickness of 7 mils.

Curing: Allow to cure until dry to the touch, but still tacky. Then apply the next coating. If fully cured, re-prime. Pot life and curing times may vary based on temperature and other job conditions.

Equipment Cleanup: Equipment should be cleaned immediately after use with an environmentally-safe solvent, as permitted under local regulations. The primer is difficult to remove after it has cured.

Precautions

This product contains Epoxy Resin, Polyamine Hardeners and flammable solvent. Personnel applying these coatings should wear protective clothing, use respiratory protection, safety goggles and gloves. Avoid contact of material with skin or eyes and avoid breathing the solvent vapors. Mix and apply in well-ventilated areas and observe normal safety precautions required for solvent containing Epoxy materials. Read the SDS sheets before using this product. **This product is for professional use only.**

Quality Control

Verify all surfaces have been properly coated. Make sure all surfaces are a minimum 7 mils thick when used as a moisture barrier.

Striping: It is recommended that an Epoxy paint be used for line striping

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**

System Specifications

See next page.

Physical Properties

AVM 410-Epoxy Primer Two-component, 100% solids, liquid applied, Epoxy Primer that meets or exceeds the following properties:

Physical Property	Typical Value	Test Method
Coverage Rate	300 ft ² /gal as primer 225 ft ² /gal when used as a moisture barrier	
Film Thickness per Coat	4 ± 1 mills or, minimum 7 mils when used as a moisture barrier	
Physicals Method Results	Typical Value	Test Method
VOC in g/L	40 CRF	60 appendix A7 Method 24.0 g/L
Solids Content	100%	
Compressive Strength	12,000 psi	ASTM D695
Tensile Strength	5,600 psi	ASTM D638
Tensile Elongation	2.6%	ASTM D638
Permeability Ranking	.158 perms	ASTM E 96
Adhesion	> 480 psi	ASTM D 7234
Microbial Resistance	Passes Rating 1	ASTM G21
Alkali Resistance	Resistant	ASTM D1308

The above physical properties were measured in accordance with the referenced standards. Results may vary based upon statistical variations on mixing methods and equipment, application methods, environment, and actual site conditions and curing conditions. All sample preparation and testing are conducted in a laboratory environment and actual performance on job site may vary from these values based on actual site conditions.

Shelf Life

Twelve (12) months after manufacture when continuously stored indoors in the original unopened containers in accordance with AVM's storage conditions.

Packaging

The AVM 410 Epoxy Primer is packaged in kit form. The **Volume Mixing** ratio is 2 parts Part-A to 1 part Part-B (Part-A / Part-B = 2:1). It is available in three (3) gallon kits.

Color

Part-A: Clear
Part-B: Light Amber

Item	Packaging	Approximate Shipping Weights	Coverages	VOC
410 Epoxy Primer	3 Gal Kit	30 Lbs	300 or 225 sq.ft./gal	0 G/L

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

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

Quality Waterproofing Products



www.avmindustries.com