



PRODUCT DATA SHEET

#704 Two-Part Epoxy Primer (Water-Based)

DESCRIPTION

AIM #704 Two-Part Epoxy Primer is a premium, two-component, multi-purpose, water-based epoxy primer. AIM #704 offers excellent adhesion to most roof substrates. AIM #704 is designed to enhance adhesion of AIM #701 Silicone Roof Coating. This product prevents, discoloring, staining and bleed-through. AIM #704 is VOC compliant and is easily applied by brush, roller, or spray equipment.

Note: AIM #704 Two-Part Epoxy Primer is a two components system. Part A and Part B are packaged separately and are prepared on the jobsite. Attention and care are required during mixing and preparation. Roofing crews must precisely follow all safety, storage, handling, preparation and application instructions.

USES

AIM #704 Two-Part Epoxy Primer is a water-based adhesion promoting primer for use with AIM #701 Silicone Roof Coating and AIM #880 Pitch Pocket Sealant. AIM #704 is recommended for priming BUR, modified bitumen and aluminum coated roofs to improve adhesion of the top coating and to block asphalt bleed through. On single-ply roofs, #704 may be used to increase long term adhesion in areas that retain water. AIM #704 may also be used as a vapor barrier coating on concrete roofs

AIM #704 is not intended for exposure to the elements and must be top coated with AIM #701 Silicone Roof Coating within five days of application. This is a water based product and must be kept from freezing.

APPLICATION

Surface to be coated must be dry and free of dirt or corrosion particles. Apply only at temperatures above 40°F and rising with less than 90% humidity and no threat of dew or rain for 12 hours. In a clean 5 gallon pail add 2.5 gallons of #704 part A and mechanically mix until smooth. Then add the 2.5 gallons of #704 part B. Mechanically mix the two parts together taking care to avoid entraining air. Expected pot life under normal conditions is approximately four hours after mixing. Pot life is longer in cool temperatures and shorter in hot temperatures.

Apply with a brush, roller or suitable spray equipment at the rate of 1/4 to 1/2 gallon per 100 sq. ft. For maximum asphalt bleed resistance, apply a second coat of #704 at 1/2 gallon per 100 sq. ft. to achieve a pinhole free surface. When used on metal and single ply membranes, one coat of #704 at 1/4 to 1/2 gallon per 100 sq. ft. is sufficient. Application rates are approximate and will vary with the texture of the substrate.

Allow a minimum of 8 hours before application of the top coat. The top coat must be applied within five days of the primer application.

The preceding directions are basic guidelines only. Please read and understand the complete AIM Guide Specification for this product for the intended application. The Guide Specification is available from technicalservice@AIMbuildingmaterials.com

Clean wet coating with soap and water. Dry coating may be removed with mineral spirits. Use care when handling solvents. Shelf

Life: One year from the date of manufacture.

KEEP FROM FREEZING

CAUTION

Do not take internally. Avoid prolonged contact with skin or fumes. If irritation occurs seek medical attention. If swallowed, do not induce vomiting.

KEEP OUT OF REACH OF CHILDREN

First Aid: In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention immediately; for skin, wash thoroughly with soap and water.

If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state and federal regulations.

SPECIFICATIONS

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|-------------------|------------|------------|
| Viscosity | ASTM D2196 | 15,000 cps |
| Solids by Weight | ASTM D1644 | 62% |
| Solids by Volume | ASTM D2696 | 44% |
| Weight per Gallon | ASTM D1475 | 11.6 lbs. |
| Flash Point | ASTM D 56 | NA |
| VOC | EPA 24 | 85 g/l |

Container Sizes: 5 gallon kit (2.5 gallon A + 2.5 gallon B)

Color: Gray

LIMITED WARRANTY

TO THE EXTENT ALLOWED BY LOCAL LAW, EXCEPT AS SET FORTH BELOW, SELLER MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE WITH RESPECT TO THE GOODS HEREIN SOLD. THERE ARE NO OTHER WARRANTIES OF ANY KIND EXPRESS OR IMPLIED BEYOND THE TERMS SET FORTH ON THE FACE HEREOF. NO EMPLOYEE OR AGENT OF SELLER IS AUTHORIZED TO ALTER THE TERMS HEREOF.

Seller warrants that this product shall be free of any defect in material or workmanship under normal use for a period of 12 months from the date of purchase. This warranty does not extend to any defect or failure caused by misuse and/or incorrect application.

LIMITATION OF LIABILITY: In the event of a defect or failure falling under this warranty, Buyers sole remedy shall be refund of the purchase price or replacement of the defective material, at Seller's option. Under no circumstances shall Seller be liable for any losses or damages caused by this product, whether direct, indirect, special, incidental or consequential damages, whether based on contract, tort (including negligence) or any other legal theory.

