



PRODUCT DATA SHEET

#450 Fibrated Emulsion Roof Coating

USES

AIM #450 Fibrated Emulsion Roof Coating is a water based asphalt protective coating for built up asphalt roofing. Asphalt emulsions are often used as a protective coating for new or existing composition roofs and built-up roofs with smooth (not graveled) surfaces. Suitable for use as a base coat for gravel surfacing and as a base coat for reflective coatings. Product can be used over SBS and APP roofs. Can also be used for damp---proofing exterior below---grade walls and foundations. AIM #450 can provide anti---corrosive protection for metal roofs, steel structures, pipes, and tanks.

Not to be used on interior of water tanks or any surface having contact with potable water.

AIM 450 Fibrated Emulsion Roof Coating is manufactured from refined asphalts, reinforcing non-asbestos fibers and clays. AIM 450 Fibrated Emulsion Roof Coating has a brown appearance when wet but will dry to a near black color. Asphalt emulsions are faster drying, very low odor alternatives to solvent borne asphalt roof coatings. AIM #450 is applied directly from the container, is corrosion-resistant, and waterproof when dry. AIM #450 does not crack, run, or sag under extreme weather conditions. AIM #450 is a coating suitable for the protection of roofing materials, metal, and masonry surfaces.

APPLICATION

Surface to be coated must be clean and in good repair. Surface must be clean. Asphalt emulsions lack the adhesive properties of solvent systems. Sweep or hose down area to remove all dust, dirt, and residues. Scrub areas where water ponds with AIM 110 Detergent Primer and rinse well. Carefully inspect area to be coated, including areas around chimneys, vent pipes, air conditioning equipment, roof edges, and parapet walls. Repair all cracks, splits, and holes with AIM 300 Plastic Roof Cement. Note that solvent---based sealants must be allowed to cure a minimum of 30 days prior to coating with AIM #450. AIM #450 is an emulsion roof coating and this product is not designed to seal leaks. Stir thoroughly before using in order to achieve proper consistency.

Apply with a four knot brush or suitable spray equipment. Cover the surface at the rate of 3 gallons per 100 square feet per application. For added protection, apply a 2nd coat at the same rate as soon as the first coat is thoroughly dry and firm enough to take foot traffic. Apply the second coat at right angles to the first. It is recommended that a reflective top coating be applied as soon as the top coat of AIM #450 has completely cured. AIM #450 typically dries within 6---24 hours in hot and dry weather conditions. Drying will be slower, 2 to 7 days, in cool, damp weather conditions. Allow AIM #450 to dry completely between coats. Coating becomes waterproof only after drying thoroughly.

For damp-proofing of below grade exterior surfaces: When coating dense concrete surfaces not subject to hydrostatic pressure, a single coat of AIM #450 is generally adequate when applied at approximately 1/16" in thickness. If conditions are severe or when applying by spray, two coats of AIM #450 are preferable. Apply each coat at 2 to 3 gallons per 100 square feet, allowing first coat to dry before applying second coat. Fill in all crevices and grooves during application, making sure material is free from breaks and pinholes. Carry coating over exposed top and outside edge of footing.

AIM #450 Non---Fibrated Asphalt Emulsion Coating may only be applied when temperatures are expected to remain above 50°F, and if no rain is expected, for the next 24 hours. AIM #450 dries in 8 to 12 hours in warm, dry weather. Drying can take from 2 to seven days in cold, damp weather. Allow AIM #450 to dry between coats.

On below---grade foundations, allow AIM #450 to cure at least 24 to 48 hours, with air circulation, before exposure to water or backfilling. Use forced air if necessary. Clean wet coating with soap and water. Dry coating may be removed with mineral spirits. Use care when handling solvents.



CAUTION

DO NOT TAKE INTERNALLY!

Avoid contact with eyes and skin. If swallowed, call physician immediately! In case of eye contact, open eyelids wide and flush immediately with plenty of water or at least 15 minutes.

Close container after each use. Dispose of container and unused contents in accordance with Local, State and Federal regulations.

PROTECT FROM FREEZING

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 swallowed, do not induce vomiting. Get medical attention immediately. 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.

Warning: This product contains a chemical known to the State of California to cause cancer.

SPECIFICATIONS

Appearance Black
liquid

Applicable Specification
ASTM D 1187, Type I
ASTM D 1227, Type II, Class 1

Application Temperature
50° F and rising

Brookfield Viscosity
45000 to 80000 cPs (ASTM D---2196)

Color
Brown when wet
Black when dry

Composition Asphalt,
clay emulsion

Consistency @77°F
Thixotropic liquid

Flammability
Non---flammable (wet material)

Flash Point
>212° F

Handling
Keep from freezing

Recommended application rate 3
gal. per 100 sq. /ft.

Solids by volume 40
---50%

Solids by Weight
45 --- 55% (ASTM D---2939)

VOC
<50 g/l

Weight per Gallon 8.8
lbs. /gal (+/- 0.2 lb.)

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.



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