



PRODUCT DATA SHEET

DP VII Fluid Applied Waterproofing Membrane

DESCRIPTION

AIM DP VII Fluid Applied Waterproofing Membrane is a latex modified asphalt emulsion. This asphalt emulsion is formulated with polymers to produce a single component, cold-applied waterproof membrane coating. The product is an odorless, fluid applied, polymer modified asphalt emulsion that cures to form a fluid, monolithic, waterproofing membrane for vertical and horizontal surfaces, above and below grade. The water based membrane has tenacious adhesion to both green concrete and fully cured concrete substrates. Fluid Applied Waterproofing Membrane prevents lateral water migration and its inherent resilience enables it to bridge structural and shrinkage cracks that develop in the substrate. Fluid Applied Waterproofing Membrane cures to provide a heavy duty “seamless”, rubber-like, membrane for use in waterproofing and damp-proofing concrete or masonry. Fluid Applied Waterproofing Membrane is formulated to have a high solids content, yet the product has a high degree of workability.

USES

AIM DP VII Fluid Applied Waterproofing Membrane is used as a protective coating for a variety of applications on asphalt, metal, masonry surfaces, and foam surfaces. Fluid Applied Waterproofing Membrane can be used on horizontal or vertical surfaces. Typical applications include foundation walls, plaza decks, balconies, beneath tile in shower and toilet areas, terraces, planters and other areas where seamless, high quality elastomeric waterproofing is required.

APPLICATION

AIM DP VII Fluid Applied Waterproofing Membrane should only be applied when temperatures are expected to remain above 50°F for the next 24 hours.

Surface to be coated should be free of oil, grease, dirt, laitance and loose material. Dry surfaces must be dampened with water and kept damp until application. Apply Fluid Applied Waterproofing Membrane by brush, roller or spray with the proper equipment. Consult the spray equipment manufacturer for more information. For dense surfaces and exterior surfaces below grade: Fill in all crevices and grooves, making sure coating is continuous and free from breaks and pinholes. Carry coating over exposed top and outside edge of footing. Spread around all joints, grooves, and slots and into all chases, corners, reveals, and soffits. Bring the coating to finished grade. Drying will be slower, 2 to 7 days, in cool, damp weather. Allow to dry between coats.

On below-grade foundations, let cure at least 24 to 48 hours, with good air circulation, before exposure to water or backfilling. Use forced air if needed. Do not place backfill until coating is completely dry. Drying times may vary depending on weather conditions and film thickness. A minimum of at least 24 to 48 hours is required. Do not wait longer than seven days maximum before backfilling. Be careful not to damage or rupture the film or displace coating. Some situations may require protection board between coating and backfill.

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

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.

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

SPECIFICATIONS

ASTM-C-836-89

BOCA National Building Code
Standard Building Code Uniform
Building Code
Physical Properties

Color – Black	Adhesion to concrete – Excellent	Bacterial attack – No Degradation
Solids – 64 + 3% min by weight	Low temperature flexibility – Flexible to -10 0F	Algal attack – No Degradation
Density – 8.1 lbs/gal + 0.4	Water Vapor Permeance - <0.13 perms	Fungal attack – No Degradation
Application – spray, brush, roll	Air Permeability - <0.001 CFM/ft2	Resistance to chemical attack – Very resistant to acids, salts
Cure Time – 4-24 hours	Liquid water absorption - <0.5% by weight	Re-emulsification- None
Elongation – 800% minimum	Resistance to degradation - Excellent	VOC content – less than 0.52%; 50 g/l

Coverage: Approximately 50-200 square feet per gallon, depending upon the porosity and texture of the surface to be coated.

Container sizes
5 Gallon (19 L) Pails
55 Gallon (208 L) Drums

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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