



DEHYDRATINE 75

EMULSIFIED ASPHALT DAMPPROOFING COMPOUND

DESCRIPTION

DEHYDRATINE 75 is a VOC compliant, water-based compound designed to dampproof concrete and masonry. The DEHYDRATINE formulation is derived from colloidal, asphalt-based clay emulsions, that utilize a water carrier. It can be used above and below grade. DEHYDRATINE 75 is highly effective and is easily applied by trowel or spray.

FEATURES/BENEFITS

DEHYDRATINE 75 is an effective dampproofing product on roofing materials such as fiber glass fabric and metal (see Roofing under Application Techniques). DEHYDRATINE 75 can be used over most metals to protect against rust and corrosion. It has good weathering and abrasion resistance. It resists flow or sag even when exposed to high ambient temperatures. Other advantages include:

- Solvent free
- Adheres tenaciously to damp or “green” surfaces
- Breathes to allow water vapor to escape and reduce blistering
- Flexible and will not crack as a result of normal contraction & expansion
- Asbestos-free

PACKAGING

DEHYDRATINE 75 is packaged in 5 gal (18.9 L) pails and in 55 gal (208 L) drums.

SHELF LIFE

1 year in original, unopened container

SPECIFICATIONS/COMPLIANCES

ASTM D1227 Type III
ASTM D1187 Type I

Appearance: DEHYDRATINE 75 is black.

COVERAGE

The following coverage rates are approximate and for estimating purposes only. Surface temperature, porosity and texture will determine actual material requirements:

One Coat Application	ft ² /gal (m ² /L)
(not more than)	33 (0.81)
Two Coat Application	
1st coat	50 (1.23)
2nd coat	50 (1.23)

DIRECTIONS FOR USE

Surface Preparation: Surface must be structurally sound, clean, free of dust, dirt, mortar, residue curing and parting compounds, and other contaminants. Use of wire brushes, sandblasting or other mechanical means is recommended. Prior to application, surface defects, voids, joints or cracks must be properly sealed or filled. Dry surfaces should be dampened with water and kept damp before application.

Mixing: DEHYDRATINE 75 does not require mixing.

Application: Apply by soft bristle brush or suitable spray equipment at a rate of not more than 33 ft²/gal (0.81 m²/L) in a single coat. When two coats are applied in hot weather when it may be difficult to keep the surface damp, the first coat may be diluted with up to 10% of clean, cool water. The first coat should be dry to the point where it is tacky to the touch before the second coat is applied.

Backfilling: Do not backfill until the film has dried (at least 24 to 48 hours after application). Backfilling should be accomplished as soon as possible (after 24 to 48 hours) to protect the film from damage by outside sources. Place backfill with care so that the film will not be ruptured.

Spraying: Use an air operated piston pump (such as Graco) with a 9:1 ratio and a pole gun with a 3/32 in. (0.2 cm) tip. A 3/4 in. (1.9 cm) ID material hose and a 1/2 in. (1.3 cm) ID air hose from the pump to the gun is preferred for most applications.

Roofing: DEHYDRATINE 75 can be used with fiberglass fabric for built-up waterproofing and roofing applications. DEHYDRATINE 75 has excellent rust inhibiting qualities and can be applied as a coating over metal roofs. It has good weathering properties and resistance to corrosive fumes and smoke.

CLEAN-UP

Clean tools or equipment with mineral spirits immediately following use. Clean drips while still wet. DEHYDRATINE 75 will not harm glass or metal by etching, pitting, or staining; however, it will leave a residue which is easily removed with a clean cloth and petroleum based paint thinner. Stronger solvents may be required to remove the residue if allowed to remain on the surface. Once final set has occurred, DEHYDRATINE 75 may be impossible to remove from surfaces. Flush rubber surfaces with water immediately following contact with DEHYDRATINE 75.

PRECAUTIONS/LIMITATIONS

- Do not apply DEHYDRATINE 75 to surfaces that will receive a concrete overlay or topping, or will be sealed with another type of sealer.
- Mask or protect the sides of joints prior to the application of DEHYDRATINE 75.
- Applications of DEHYDRATINE 75 at coverage rates greater than those recommended above may result in improper drying.
- Do not allow to freeze.
- Do not apply DEHYDRATINE 75 if rain is expected during the application time. DEHYDRATINE 75 should be dry tack-free before exposure to rain.
- In all cases, consult the Safety Data Sheet before use.

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