

REC EMULSION 75D

EMULSIFIED ASPHALT DAMPPROOFING COMPOUND

PRODUCT DESCRIPTION

REC EMULSION 75D is a VOC-compliant, water-based compound designed for damp proofing concrete and masonry surfaces. The emulsion formulation is derived from colloidal, asphalt-based clay emulsions utilizing water as the carrier. It can be used both above and below grade. **REC EMULSION 75D** is highly effective and can be easily applied by trowel or spray.

KEY BENEFITS

REC EMULSION 75D is an effective damp proofing product for roofing materials such as fiberglass fabric and metal. It can also be used over most metals to provide protection against rust and corrosion. It offers good weathering and abrasion resistance and resists flow or sag even when exposed to high ambient temperatures. Other advantages include:

- Solvent-free.
- Adheres tenaciously to damp or “green” surfaces.
- Breathable, allowing water vapor to escape and reducing blistering.
- Flexible and resistant to cracking caused by normal contraction and expansion.
- Asbestos-free.

APPLICABLE STANDARDS

- ASTM D 1227 – Type III
- ASTM D 1187 – Type I

DIRECTIONS FOR USE

SURFACE PREPARATION

The surface must be structurally sound, clean, and free from dust, dirt, mortar, residue, curing compounds, parting compounds, and other contaminants. Wire brushing, sandblasting, or other suitable mechanical methods are recommended. Before application, surface defects, voids, joints, and cracks must be properly sealed or filled. Dry surfaces should be dampened with water and kept damp before application.

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 applying two coats in hot weather, where it may be difficult to keep the surface damp, the first coat may be diluted with up to 10% clean, cool water. Allow the first coat to dry until it is tacky to the touch before applying the second coat.

SPRAYING

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

BACKFILLING

Do not backfill until the film has dried, typically at least 24–48 hours after application. Backfilling should be carried out as soon as possible after the film has dried to protect it from damage. Place backfill carefully to prevent rupturing or damaging the cured film.

ROOFING

REC EMULSION 75D can be used with fiberglass fabric for built-up waterproofing and roofing applications. It provides excellent rust-inhibiting properties and can be applied as a coating over metal roofs. It also offers good weathering properties and resistance to corrosive fumes and smoke.

COVERAGE

The following coverage rates are approximate and intended for estimating purposes only. Actual material requirements will vary depending on surface temperature, porosity, texture, and application conditions.

Application	Coverage
One Coat Application (maximum)	33 ft ² /gal (0.81 m ² /L)
Two Coat Application – 1st Coat	50 ft ² /gal (1.23 m ² /L)
Two Coat Application – 2nd Coat	50 ft ² /gal (1.23 m ² /L)

APPLICATION PRECAUTIONS

- Do not apply **REC EMULSION 75D** to surfaces that will receive a concrete overlay or topping, or that will be sealed with another type of sealer.
- Mask or protect the sides of joints before applying **REC EMULSION 75D**.
- Application at coverage rates greater than those recommended above may result in improper drying.
- Do not allow the product to freeze.

CLEANING UP THE TOOLS

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

PACKAGING

REC EMULSION 75D is available in 30 L pails and 210 L drums.

SHELF LIFE & STORAGE

Shelf life is one year from the date of manufacture when stored in tightly closed original containers. Store in a cool, dry and well-ventilated area, protected from extreme temperatures, direct sunlight, and sources of heat. Keep containers tightly sealed when not in use.

SAFETY PRECAUTIONS

Avoid contact with skin and eyes and do not inhale vapors or spray mist. Wear suitable gloves, eye protection, and protective clothing during mixing and application. Use in a well-ventilated area.

QUALITY STATEMENT

All our products are manufactured to comply with our internal quality management system to ensure consistency and quality.

DISCLAIMER

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use. This Data Sheet version is the latest one. The company may modify it without any prior notice. Technical characteristics are listed for guidance only. For more information, please contact the head office of RECKON CHEMICALS PVT LTD. located in Lahore.

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