



# DEUTHANE TOP COAT

## (PUD TOP COAT FOR COMBO ROOFING SYSTEMS)

### **DESCRIPTION:**

**DEUTHANE TOP COAT** is single component based on the innovative PUD Technology which enables, long-chain polyurethane macromolecules to be incorporated in a water medium, forming stable dispersions.

The PUD Technology based products, have the advantage that they offer the high level properties of solvent based products, in an ecological, consumer and environmentally friendly, water-based, low VOC, no ADR transport product.

The PUD Technology is the entry to the Green revolution in Polyurethane based product.

### **USES:**

Ideal waterproofing system for concrete roofs, polyurethane foam slabs, polyester built up roofs, maintenance of existing roofs, masonry and concrete walls, bathrooms, basements, bridges, decks, floorings, metal surfaces, etc.

### **OUTSTANDING FEATURES:**

- **DEUTHANE TOP COAT** is used as flooring protection for light traffic industrial floors with medium chemical exposure.
- Used as flooring coating for parking decks, both exposed and covered.
- Used as a protective layer for exposed roofs against atmospheric environmental exposure.
- Highly resistant to oxidation, UV light and ozone because of unique additives used in compounding it. It does not crack.
- More durable than normal asphalt coating and lasts longer than most other coatings.
- Superior wetting and adhesion properties ensure durable bond and resistance to peeling, chipping, and/or separation and a longer life.
- Has the unique property of adapting itself over the irregular contours of the deck and forming a waterproof and impervious blanket.

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## **APPLICATION:**

The surface must be thoroughly cleaned and should be free of dirt, gravel, dust and oil. The concrete should be dry and smooth. When applying directly over concrete or old, dry asphalt prime first with primer coat. When using as a top coat to protect and rejuvenate existing smooth asphalt roofs, first repair all blisters, cracks, split seams.

The coating is applied straight or diluted depending on climatic condition and nature of substrate. For easy applications it can be applied by using standard roofing brushes, roller or airless spray equipment.

## **COVERAGE:**

Theoretical coverage of **DEUTHANE TOP COAT** is approximately 4-6m<sup>2</sup> / ltr. At 250 microns DFT.

## **CLEANING:**

Tools : Clean with water.

Hands : Use a hand cleaner followed by soap and water.

## **HEALTH & SAFETY:**

Wear protective clothing, gloves and goggles.

- 1) ) Fire : Non Flammable / Non Hazardous.
- 2) Skin : Avoid repeated or prolonged contact; if contact occurs remove with hand cleaner that removes oil or grease; then clean with soap and water.
- 3) Eyes : Contact could cause irritation. If contact occurs flush with clean water.
- 4) Inhalation : Can cause dizziness. Remove to fresh air and breathing difficulty persist administer oxygen.



### **PACKING:**

**DEUTHANE TOP COAT** is available in 20 ltrs. Pail

### **STORAGE:**

12 months minimum storage life when stored in original containers kept in cool and dry conditions.

### **TECHNICAL SPECIFICATION:**

<b>PROPERTIES</b>	<b>RESULTS</b>
TOUCH DRY	1 - 2 HRS.
FULL CURE	7 DAYS
ADHESION TEST	2.5Mps
CHEMICAL RESISTANCE	EXCELLENT
Service Temperature, 2 hrs @ 120°C	No shrinkage, brittleness

### **NOTE:**

*All information is given in good faith on the results gained from experience and tests. However, all recommendations or suggestions are made without guarantee since we don't have any control on site conditions and its uses.*

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