



# DEUTHANE –TOP COAT

## (PUD TOP COAT FOR COMBO ROOFING SYSTEM)

### **DESCRIPTION:**

**DEUTHANE TOP COAT** is single component liquid applied, highly permanent elastic, cold applied and cold curing, used for long lasting waterproofing.

**DEUTHANE TOP COAT** is 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 better advantage against solvent based products, i.e., ecological benefits, consumer and environmentally friendly, water-based, low VOC, no ADR transport product. **DEUTHANE – TOP COAT** is purely elastomeric hydrophobic polyurethane resins, which result in excellent mechanical, chemical, UV and natural element resistance properties.

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.

### **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 100 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 if breathing difficulty persist administer oxygen.

### **PACKING:**

**DEUTHANE TOPCOAT** 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:**

PROPERTIES	STANDARDS	RESULTS
TOUCH DRY		1 – 2 HRS.
FULL CURE		7 DAYS
SOLAR REFLECTANCE	ASTM C 1980	>85%
ADHESION TEST	ASTM D 4541	2.5Mps
ABRASION RESISTANCE	ASTM D 4060	45 mgs
CHEMICAL RESISTANCE	ASTM D 543	EXCELLENT
Service Temperature, 24 hrs @ 120°C		No shrinkage, brittleness

### **DISCLAIMER:**

This data is provided in the belief that is accurate within generally accepted standards and is provided for the information of qualified personnel. It does not constitute an offer by the manufacturer. Nor does the manufacturer warrant or guarantee its accuracy or completeness in describing the performance or suitability of the various products. The users therefore should make their own determination in using the product of the data contained herein for any application.