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## PRODUCT DATA SHEET

Rev. 3

T.D.S.

### ROOF COMPOUND

#### DESCRIPTION

Edgechem Roof Compound is a highly flexible waterproofing emulsion coating, based on an elastomeric polymer that provides excellent durability and weatherability. It is formulated to prevent and stop leaks and is suitable for use on concrete, aluminum, zinc or galvanized metal roofs.

#### PERFORMANCE FEATURES

- Suitable for all types of roofs
- Very low odour
- Easy application
- Excellent durability
- Excellent color retention
- Resistant to cracking and peeling
- Contains an additive to enhance adhesion and film strength

#### PHYSICAL CHARACTERISTICS

Colour	:	White, Grey, Red, Green
Density (lb/gal)	:	10.6 ± 0.1
Finish	:	Egg Shell
Flash Point	:	Water-based
Drying Time (31° and 70% RH)		
To Touch	:	2 hour (Dependent on temperature and relative humidity)
To Recoat	:	24 hours

#### COVERAGE RATE

Approximately 100 ft<sup>2</sup> per gallon.

## **ROOF COMPOUND**

### **SURFACE PREPARATION**

#### **Concrete and Masonary**

Remove all loose mortar, gravel dirt, peeling paint and excessive chalk. Remove any fungus or mildew by scrubbing the affected area with a solution of 1 part bleach to 3 parts water. Allow solution to remain on the surface for 10 minutes, then rinse thoroughly with clean water and allow to drying completely before application-.the surface should be free of moisture before roof compound is applied.

**N.B. New concrete should be cured for a minimum of 30 days prior to the application of any coating.**

#### **Aluminum**

Remove all oil, grease dirt and foreign material by washing with detergent solution and rinse with clean water. Allow to dry before coating.

If desired, the sheeting may be etched with Wash Primer for improved adhesion.

#### **Zinc or Galvanized Metal**

Allow new sheets to weather a minimum of six months prior to coating. Weathered sheets should be washed with a detergent solution and allowed to dry before coating. Old sheets which have rusted should be wire-brushed or treated with EdgeChem Rust Converter to remove rust and primed with Edgechem Red Oxide Primer before applying the roof compound.

### **APPLICATION**

Stir contents thoroughly before using. Apply using long bristle soft brush, roller or squeegee. Fill cracks using a mixture of 1 part roof compound to 2 parts building sand. Active or shifting joints and cracks can be further reinforced by bridging with polyester mesh saturated with Roof Compound and allowed to dry. Apply in one direction, the first coat of 4 parts Roof Compound to 1 part water. Allow to dry for 24 hours. Apply the second coat without thinning in a direction that is at right angles to the direction of application of the first coat. Clean up equipment with water immediately after use.

**DO NOT apply Roof Compound during rainy weather, as this could affect the initial drying and curing of the product.**

### **SHELFLIFE**

2 years

### **CLEAN-UP**

This should be done immediately using clean water.