

# Technical Data Sheet

## Roof Coat

### Description

Diamond Roof Coat is a single component premium quality pure acrylic elastomeric coating specifically formulated to form a seamless membrane, which is resistant to sunlight, heat, ponded water and most chemicals. Typically used as a topcoat for roof coating systems or may be used as a stand-alone product.

### Recommended Use

This product provides outstanding weather-ability, as well as exceptional protection from degradation caused by ultraviolet exposure and can be used for vertical and horizontal surfaces. It is suitable for substrates like concrete, asbestos, cement, light weight concrete etc.

- It can be used for roof slabs, terraces, balconies, sunshades, parapet walls etc.
- It can be used for water-proofing of new as well as old surfaces.
- It can be used on complicated surfaces like domes, arches, corrugated sheets, shells, folded plates etc.

### Physical Properties

Colour	White
Finish	Matt, Slight Angular Sheen
Solid Contents	60% min
Flash Point	None – Water Based
Density (g / cm <sup>3</sup> )	1.28±0.02

### Film Thickness and Spreading Rate

Film Thickness	1mm dft
Theoretical Spreading Rate	13-15 m <sup>2</sup> / Ltr / Coat

### Surface Preparation

All surfaces must be sound, dry, clean and free of oil, grease, dirt, mildew, form release agents, curing compounds, loose and flaking paint, rust scale and other foreign substances that may impair adhesion.

### Application

Application Method	Brush, Roller, Scraper
Thinner / Cleaner	Clean Water

### Drying Time

Temperature	Dry to touch	Dry to handle
25-35 °C	1 hour	4-6 hours

### Application Procedure

- Apply with roller or brush.
- For first coat, thin the paint with 2:1 clean water (Paint 2:1 Clean Water), apply with brush in such a way that paint can penetrate into small pores to make it completely water proof.
- Apply the second and third coat after first coat is fully cured. Thin the paint with equal volume of clean water and apply the paint with brush in such a way that paint can penetrate into small pores to make it completely waterproof.
- Interval between the coats 8 to 12 hours.
- Late afternoon application is not recommended if high humidity conditions exist, as that could cause high moisture concentration in the surface overnight.
- Do not apply when the surface or air temperature is less below 10°C.

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### Storage

The product must be stored in accordance to the national regulations. The product should be kept in a well-ventilated place, protected from the heat and direct sunlight. The containers must be kept tightly closed.

### Handling

Handle with care. Stirr well before use.t.

### Packing Size

16 Ltrs.

### Health and Safety

Material health and safety data sheet is available upon request. Please observe the precautionary notice displayed on the container. Ensure proper ventilation during application and drying of paint. Avoid inhalation of paint mist/vapours and skin contact. Spillage of paint on skin should immediately be removed with suitable cleanser soap and water. Eyes should be well flushed with water and immediate medical attention should be sought.