

SOPRA GUARD

Elastomeric Weather Resistant Roof Coating

Description

SOPRA GUARD is a single component water based elastomeric roof coating. It is designed to form a water and weather resistant seamless elastic membrane.

Uses

Suitable for roof slabs, concrete, tiles, wood, asphalt and primed metal surfaces.

Advantages

- * Good application characteristics.
- * Good UV resistance.
- * Accepts light foot traffic.
- * Non-toxic and non-hazardous.
- * Wide service temperature.

Packaging

20 ltr pails

Storage

12 months storage life when stored in original containers at between 5°C and 35°C.

Properties

Form	Viscous liquid
Colour	White
Solids Content, %	64
Density @ 25 °C, kg/l	1.2
Application temp., °C	5 - 45
Service temp., °C	-5 to 100
Elongation @ break, %	300
Curing time @ 25°C, hr.	48
Coverage, m ² /l (1mm dry film)	2

Application Instructions

Surface Preparation

All surfaces must be smooth, clean, dry and free from dust, rust and laitance. Concrete and cementitious substrates must be well compacted with a wood float type finish, and at least 28-days old. Wooden or metal panels must be firmly fixed in position.

Metal surfaces should be wire brushed to remove moss, mildew and loose paint. Derust corroded areas, then clean surfaces with a broom before priming.

Priming

SOPRA GUARD diluted with 25 % water should be used as a primer. Primer must be completely dry before application of the coating.

Apply rust inhibitor primer on all corroded metal surfaces. Primer must be completely dry before application of the coating.

Application

SOPRA GUARD may be applied by soft brush, roller or spray gun. Apply two coats to a thickness of 0.5mm per coat and allow to cure at least 24 hours before the application of second coat. A mesh reinforcement as a 'Sandwich' between the two coats can be used where substantial movement is anticipated. Lay this mesh in the wet first coat before application of subsequent coats. All detailing to pipes, upstands, drains, projected lines etc. should be mesh reinforced in this way.

Curing

Allow 24 hours between coats. A final curing time of 48 hours is adequate at normal working temperature.