

WHITE REFLEX

Protective and Reflective Paint

Description

White Reflex is single-component white paint with polymer base in water emulsion and special additives. Once dry it forms a flexible film, resistant to atmospheric agents, with high reflectivity and infrared emissivity.

Field of Use

White Reflex is used to protect bitumen-polymer membranes: the white finish and the special additives not only extend the life of the covering layers but also reduce the temperature, both outside and inside the building. The high reflectivity does indeed considerably reduce the heat absorbed from the rays of the sun compared to a dark surface; this consequently leads to a considerable reduction in the temperature and consistent savings in energy to condition the buildings. The high emissivity also favours the dissipation of the heat accumulated overnight. The White Reflex can be applied also on plaster and concrete surfaces.

Method Of Use

Surface Preparation

The surface must be clean, dry, without impurities or old paint.

Application

Dilute with water (10-20%) and apply the first coat. Dilute the second coat with a maximum of 10% of water and apply after at least 6 hours and always when the surface is completely dry. It is recommendable to apply two coats, preferably with crosswise strokes.

The product can be applied with a paintbrush, roller, large brush or it can be sprayed on.

The surfaces must be pitched sufficiently to drain rainwater. White Reflex is not suitable on flat surfaces with long-term water stagnation.

Coverage

The consumption per coat is approximately 400 g/m² based on the porosity of the surface on which it is applied.

Technical Characteristics

Aspect	Paste
Colour	White
Specific Weight (UNI ISO 2811-1)	1,35±0,10 kg/l
Solid Content (UNI EN ISO 3251)	62±3%
Brookfield Viscosity (internal method)	30.000±5.000cps
ph	8-9
Drying Time	6 hours
Solar Reflectivity (UN EN 410)	>80%
Temperature Reduction (internal method)	
• Black Membrane	75÷80°C
• Painted Membrane	40÷45°C
Shelf life in original packaging	12 months

Advantages

- Protection of the bitumen-polymer membranes.
- Reduction in superficial temperature
- Improved thermal insulation and consequent energy savings
- Ease-of -application

Packaging

Pail- 20 kg.

Warnings

- Keep the containers sealed before use.
- Apply at temperatures between +5°C÷ +35°C.
- Not frost-proof, keep at temperatures above +5°C.
- Do not apply in a very damp conditions or if there is the risk or rain while the fil is still drying.
- White Reflex cannot be walked over; this is only possible for periodic maintenance purposes.