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EUROSOL

Solar Reflective Roof Coating

**EUROSOL IS A
 LIQUID APPLIED,
 BITUMEN AND
 ASPHALT
 TOLERANT SOLAR-
 REFLECTIVE ROOF
 COATING.**

Eurosol is specifically designed for use on bitumen rich applications. It is formulated using fast drying, solvented, synthetic resins that do not attack bitumen.

Eurosol is heavily pigmented resulting in a highly reflective finish



1. Applications

- Mastic Asphalt Roofs
- Bituminous Felts
- Bituminous Coatings
- Single Ply Membranes
- Fibrous Cement
- Metal Decking

2. Cost Benefits

- Flexible, cold applied, rapid & simple application.
- Overcoat in less than 1 hour in ventilated conditions.
- Cold applied, no hot works insurance required
- Tins can be opened and re-sealed with no surface skinning
- Resistant to industrial and environmental pollution
- Decreases internal room temperatures, reducing the need for air conditioning

3. Durability

Eurosol protects the roof surface from infra red and ultra violet damage, thermal movement and heat build up whilst resisting industrial and environmental pollution. **Eurosol** should be inspected annually as part of a regular maintenance program. When subjected to normal service conditions, with minimal foot traffic, Eurosol should not need to be recoated for five to seven years.

4. Typical Physical & Performance Data

Form	Coloured Liquid
Standard Colours	White, L/Grey, M/Grey, Green
Specific Gravity	1.10
Non Volatile Content	40%
Pack Sizes	15Ltr
Shelf Life	12 Months
Application Temperature Limits	5 to 40°C
Coverage Rate (dependant on substrate)	4 to 6 Mt ² / Lt / Coat (2 coats)
Curing Time	1 to 2 hours (in ventilated conditions)
Overcoat Time	1 to 2 hours (in ventilated conditions)
Adhesive Strength	>1.0N/mm ²
Elongation BS ISO 37: 2005	>500%
UV Resistance BS 4892	Excellent

5. Specification Guidance

Substrates Preparation and Cleaning

- Existing Bituminous Roof should be sound, dimensionally stable, clean and free of loose matter and excess standing water .
- All moss, lichen or fungal should be removed . All areas should then be treated with a suitable fungal wash.
- .All substrates should be free from contamination by any material which could impair adhesion.
- All substrates should be free of excess standing water.
- Metal surfaces should be degreased or cleaned to remove loose rust and mill scale.
- Cracks, joints, tears or blisters in existing felt should be opened and fully adhered.
- For detailed preparation guidance contact Euro Polymers Technical Department.

Application

The product should be stirred well before use, to ensure even distribution of pigments. Apply using a Euro Polymers Rapid Application Brushes or a wide long haired rollers. The product must not be applied in standing water or freezing conditions or if these conditions are likely to occur before the membrane has dried. Only apply between +5°C - +40°C.

The product should always be applied in two equal coats, the second coat should be applied at right angles to the first, allowing the first coat to dry fully before applying the second. Normal recoat time is 1 to 2 hours in ventilated conditions. Clean tools using Hydrocarbon solvents.

Coverage Rates

Coverage	Wet Film Thickness (Per Coat)	Dry Film Thickness (Per Coat)
4 to 6Lt / Mt ² /Coat	150 to 250µ	75 to 125µ

Temperature: Coverage rates can vary with temperature. Avoid storing in cold conditions prior to application.

Site Testing: These coverage rates are for guidance only. Site application tests are recommended to confirm actual coverage rate.

Euro Polymers International

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