



## Euro Polymers (GB) Ltd.

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# Product Profile No.8

## EUROSHIELD

### Heavy Duty, Liquid Applied Protective Coating

**EUROSHIELD IS A LIQUID APPLIED, BITUMINOUS SOLUTION, MODIFIED WITH POLYMERIC FIBRES AND SYNTHETIC RESINS.**

Euroshield is used to provide long term protection for exposed concrete and metal structures.

#### Applied By:



#### 1. Applications

- Exposed Concrete
- Roofs
- Gutters
- Structural Metal
- Parapets
- Pipework

#### 2. Cost Benefits

- Simple and rapid application.
- Overcoat in 2 hours in ventilated conditions.
- No primer required.
- Tins can be opened and re-sealed with no surface skinning inside the can.

#### 3. Guaranteed Durability

The product provides a protective and waterproof coating for concrete, brickwork, blockwork and metal in exposed conditions.

The product is impervious to water and when subjected to normal service conditions, will provide an effective barrier to the transmission of liquid water and water vapour, for a minimum of 10 years when exposed to UV light.

#### 4. Typical Physical & Performance Data

Form	Black or Aluminium Fibrous Liquid
Specific Gravity	1.00
Non Volatile Content	65%
Solvent Type	Aromatic Hydrocarbon
Water Vapour Permeability DIN 52615	$33 \times 10^{-12} \text{Kg} / \text{m}^2 \text{ sPa}$
Coverage Rate	0.5 / m <sup>2</sup> / Coat (2 coats)
DFT of Coating	0.35mm / Coat
Curing Time	2 to 4 hours
Overcoat Time	2 to 4 hours
Application Temperature Limits	5 to 35°C
Sulphate Resistance	50,000 ppm sulphate
UV Resistance	Excellent
Shelf Life	12 Months
Pack Sizes	5, 25 & 200L

## 5. Installation

### Substrates

- New concrete, screed or render should have a brushed or wood float finish, and should be free from contamination by any material which could impair adhesion. All surface defects should be repaired by approved methods. Protrusions greater than 3 mm should be removed.
- Existing concrete, screed or render should be well prepared to provide a dense, defect free substrate.
- Brickwork, blockwork and masonry should be flush pointed.
- All substrates should be dry.
- Metal surfaces should be cleaned to remove loose rust and mill scale
- Cracks or joints should be repaired.

### Application

The product should be stirred well before use, to ensure even distribution of fibres. Apply using a wide nylon brush, sheepskin disposable rollers or airless spray. The product must not be applied in wet or freezing conditions or if these conditions are likely to occur before the membrane has dried. The product is always applied in 2 equal coats, allowing the first coat to dry fully before a second coat or protection is applied. Normal recoat time is 24 hours.

Clean tools using white spirit or Hydrocarbon solvent.

### Coverage Rates

Coverage (per coat)	Wet Film Thickness (per coat)	Dry Film Thickness (per coat)
0.5 Lt / Mt / Coat	500 microns	320 microns

Two Coats Recommended.

## Euro Polymers International

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