

# EUROTEC 500

Guaranteed Flexible Elastomeric Waterproofing for Flat and Pitched Roofs

**EUROTEC 500 IS A LIQUID APPLIED ADVANCED MOISTURE TOLERANT SYNTHETIC POLYMER SOLUTION, WHICH DRIES TO FORM A TOUGH, SEAMLESS MEMBRANE.**

Eurotec 500 is applied using Euro Polymers Rapid Applicator Brush or a wide long haired roller.

## 1. APPLICATIONS



- Felt, Mastic Asphalt & Mineral Finished Roofs
- Gutters
- Pipe work and Drains
- Roof lights
- Lead work & Flashing
- Slates
- Metal
- Glass
- Asbestos, Concrete and Brickwork

## 2. COST BENEFITS

- Simple and rapid application.
- Cold applied, no hot works insurance required.
- No primer required.
- No further solar reflective treatment required.
- Can be applied to damp substrates.
- Can be applied directly to rusted metal.
- Contains Recycled Raw Materials
- Tins can be opened and re-sealed with no surface skinning inside the can.

## 3. DURABILITY

The product provides instant repairs and temporary waterproofing for a wide range of applications in exposed conditions.

The product is impervious to water and will provide an effective barrier to the transmission of liquid water and water vapour, until such time full systems or longer term solutions can be implemented.

## 4. TYPICAL PHYSICAL & PERFORMANCE DATA

Form	Viscous Coloured Liquid
Standard Colours	Project Specific
Specific Gravity	1.00
Non Volatile Content	50% (Aromatic Hydrocarbon)
Pack Size	2.1kg
Shelf Life	12 Months
Application Temperature Limits	5 to 40°C
Curing Time	2 to 4 hours
Overcoat Time	2 to 4 hours
Crack Bridging	>5mm
Adhesive Strength	>0.1N/mm <sup>2</sup>
Tensile Strength BS ISO 37:2005	>2.0N/mm <sup>2</sup>
Elongation BS ISO 37:2005	>1000%
Low Temperature Flexibility ISO 812	-39°C
Water Vapour Transmission BS 2782	1.33g/ Mt <sup>2</sup> / day
UV Resistance BS 4892	Excellent
Salt Spray 1000Hrs	Excellent



## 5. SYSTEM SCHEMATIC



## 6. SPECIFICATION GUIDANCE

### Substrates Preparation and Cleaning

- Existing substrate should be sound, dimensionally stable, clean, free of loose matter and excess standing water .
- All moss, lichen or fungi should be removed. All areas should then be treated with a suitable fungal wash.
- All substrates should be free from contamination by any material that 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.
- Stone chippings should be removed by scraping or other means prior to application.

### Application

Apply using a Euro Polymers Rapid Applicator Brush. The product must not be applied in wet or freezing conditions or if these conditions are likely to occur before the membrane has dried. Joints and detailing should be done by applying Eurotec 500 at 1ltr/mtr and embedding Polymat 50 detailing Scrim to give a lap of a minimum 100mm either side of the detail area. Eurotec 500 should then be applied at a rate of 1ltr/mtr to the whole area to be coated. Clean tools using white spirit or Euro Polymers Spirit Wipe No1.

### Coverage Rates

1ltr/mtr<sup>2</sup> applied in one or two coats.

Avoid storing in cold conditions prior to application.