



Meir Roofing and Insulation Supplies

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Product Profile No.220

EUROTEC SYSTEM 20

Guaranteed Flexible Elastomeric Waterproofing for Flat and Pitched Roofs, Metal Roofs, Metal & Concrete Structures

EUROTEC IS A LIQUID APPLIED ADVANCED MOISTURE TOLERANT SYNTHETIC POLYMER SOLUTION, WHICH DRIES TO FORM A TOUGH, SEAMLESS MEMBRANE. AVAILABLE IN A RANGE OF STANDARD & DESIGN COLOURS

Eurotec is used to provide long term, waterproof protection for exposed flat & pitched roofs.



1. Applications

- Felt, Asphalt & Mineral Finished Roofs
- Metal Roofs
- Parapets
- Structural Metal
- Pipework & Gutters
- Concrete and Brickwork

2. Cost Benefits

- Simple and rapid application
- Cold applied, no hot works insurance required
- No primer required for standard applications
- No further solar reflective treatment required
- Can be applied to damp substrates
- Anti corrosive, can be applied in coastal regions
- Overcoat in 4 hours in ventilated conditions
- Can be applied to surface dry green concrete without a primer
- When dry will allow limited foot traffic
- Tins can be opened and re-sealed with no surface skinning inside the can

3. Guaranteed Durability

Eurotec System 20 can be applied in colour coded coats for visual quality assurance. It is immediately 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 20 years.

4. Typical Physical & Performance Data

Water Vapour Permeability	DIN 52615	$33 \times 10^{-12} \text{Kg} / \text{m}^2 \text{sPa}$
Water Vapour Transmission	ASTM E96	1.67g /m ² /24 hours
Diffusion Coefficient for Radon		$1.7 \times 10^{-13} \text{m}^2 \text{s}^{-1}$
Diffusion Length for Radon		0.28mm
Tensile Strength		> 4.0N/mm ²
Elongation		>1000
Sulphate Resistance		50,000 ppm sulphate
UV Resistance		Good

5. Installation

Substrates

- Existing Bituminous Roof should be sound, dimensionally stable, clean and free of loose matter and excess standing water
- Existing concrete, screed or render should be well prepared to provide a dense, defect free substrate
- 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 3mm should be removed
- Brickwork, blockwork and masonry should be flush pointed
- 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 using Eurotec or Euro Polymers Felt Adhesive
- Reinforce timber abutment joints with 150mm wide strips of Poly-Mat 50 before applying the Eurotec system
- On timber substrates apply Euro Polymers separation membrane, fixed with Euro Polymers P2 adhesive, before applying the Eurotec system
- Over multiple or highly porous substrates apply a coat of Eurotec Primer

Application

Apply using a wide nylon brush, sheepskin disposable roller or airless spray. 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 is always applied in minimum of 2 equal coats, allowing the first coat to dry fully before a second coat or protection is applied.

Normal recoat time is 4 to 8 hours in ventilated conditions.

For systems with a Euro Polymers guarantee Poly-Mat 50 Reinforcing Fabric is required. The reinforcing fabric should be laid into the first coat of Eurotec, with a minimum 50mm overlap and allowed to dry prior to application of the second coat, as described in the product guarantee.

Clean tools using white spirit or Hydrocarbon solvent.

Coverage Rates

Coverage (per coat)	Wet Film Thickness (per coat)	Dry Film Thickness (per coat)
1.0Ltr/ Mtr /Coat	1mm / coat	0.5mm / coat

6. Eurotec System 20 Guarantee

When installed according to the manufactures instructions to suitable substrates the following product guarantee would apply - 20 years when applied by a contractor approved by Euro Polymers.

Eurotec System 20 is a Twenty Year Guarantee System: Two coat application.

Apply one coat of Eurotec 2000 at 1.0Ltr / mtr² per coat, with a finishing coat of Eurotec 2000 at 1.0 Ltr/mtr² per coat
Apply a full later of Euro Polymers Poly-Mat 50 between coats.

Guarantee agreement application forms must be received by Euro Polymers (GB) Ltd no later than 30 days from completion of work.

7. Colours

For quality control the base coats and finishing coats are colour coded.

Standard Colours:	Base Coats:	Yellow or Red
	Finishing Coats:	Buff White or Light grey
Design Colours:	Most colours are available subject to order, minimum 1000ltr with extended lead times.	

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