

EUROTEC AE20 IS A LIQUID APPLIED MOISTURE TOLLERANT SYNTHETIC POLYMER COATING WHICH DRIES TO FORM A TOUGH SEAMLESS MEMBRANE, DESIGNED FOR ASBESTOS ENCAPSULATION.

Applied using airless spray, roller or rapid applicator brushes. Specifically for use on corrugated asbestos roofs and walls.

1. APPLICATIONS

- Exposed Asbestos Structures

2. COST BENEFITS

- No dismantling of asbestos structures
- No costly and hazardous disposal of asbestos cement sheets
- Simple and rapid application
- Damp tolerant reducing site delays caused by inclement weather
- Overcoat from 2 hours in ventilated conditions.
- Tins can be opened and re-sealed with no surface skinning inside the tin.
- Eurotec AE20 when used on certain asbestos encapsulation projects can offer a tax break allowing 150% of the cost to be offset against pre-tax profits.

3. GUARANTEED DURABILITY

Eurotec AE20 is applied in colour coded coats for visual quality assurance. It is immediately UV stable and 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 the design life of the structure to which it is applied.

Product Guarantees and Warranties of up to 20 years are available, subject to site survey.

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		15 & 200Lt
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 ²
Tensile Strength BS ISO 37:2005		>2.0N/mm ²
Elongation BS ISO 37:2005		>1000%
Low Temperature Flexibility ISO 812		-39°C
Water Vapour Transmission BS 2782		1.33g/ Mt ² / day
UV Resistance BS 4892		Excellent
Salt Spray 1000Hrs		Excellent

UKAEA roof prior to encapsulation



UKAEA encapsulated roof



5. INSTALLATION

Substrate Preparation

- All substrates should be free of standing water.
- Previous repairs may need specialist cleaning or treatment. Contact Euro Polymers.
- Any metal surfaces should be free of loose rust and mill scale, cleaned and degreased with Euro Polymers Cleaning Solvent.
- Loose fixing and damaged boards should be secured, repaired or replaced, prior to coating.
- Prime with Euro Polymers Universal Primer.

Substrate Preparation and Cleaning – for brush, roller and airless spray applications

Clean surfaces with ordinary water only. If extra cleaning is required to remove oil or grease use an ordinary household detergent. Ensure all detergent is thoroughly rinsed before applying any coatings.

Repairs

All damaged asbestos sheets should be replaced with cement sheets, or repaired with Euro Polymers Eurotec Joint Tape, according to Euro Polymers guidance. For any sheets that have moved or are likely to move detail all side and end laps with Euro Polymers Eurotec Joint Tape.

Primers

Eurotec Universal Primer is required once the cleaning process has been satisfactorily completed. The Primer is applied to reseal any raised fibres, and to prepare the substrate to enhance the adhesion of the first coat of Eurotec AE20.

Application

Apply using airless spray or 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. The product is always applied in 2 equal colour coded coats, allowing the first coat to dry fully before a second coat is applied. Apply the second coat at right angles to the first, when possible. Normal recoat time is 2 to 4 hours. Clean tools using white spirit or Euro Polymers Spirit Wipe No1.

Day Joints

At day joints, the liquid membrane should overlap the existing cured membrane by at least 100mm. If the lapping joint is dirty or contaminated, clean using Euro Polymers Spirit Wipe No1.

Coverage Rates (Two coat application)

	Coverage	Wet Film Thickness (Per Coat)	Dry Film Thickness (Per Coat)
Universal Primer	0.25Lt/Mt ²		
Eurotec AE 20 Base Coat	1.0Lt/ Mt ² / Coat	1.0mm	0.50mm
Eurotec AE20 Top Coat	1.0 Lt/Mt ² /Coat	1.0mm	0.50mm

6. COLOURS

Standard Colours: Buff White, Light Grey, Dark Grey, Red, Green and Black

British Standard Colours: 98 British Standard Colours subject to quantity and extended delivery times.

Colour Matching. Due to the manufacturing process colours may vary from batch to batch.

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