

EUROTEC AE5 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 can.
- Eurotec AE5 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 AE5 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 5 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 | >2mm |
| Adhesive Strength | >0.1N/mm ² |
| Tensile Strength BS ISO 37:2005 | >1.5N/mm ² |
| Elongation BS ISO 37:2005 | >500% |
| 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 Eurotec Joint Tape, according to Euro Polymers guidance.

Primers

In most instances priming is not required. If asbestos is very friable or heavily contaminated apply Eurotec Universal Primer at a rate of 0.25Lt/Mt². For further advice contact Euro Polymers Technical Department.

Application

Apply using airless spray, roller 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 applied in a single coat. Normal drying 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

| Coverage | Wet Film Thickness (Per Coat) | Dry Film Thickness (Per Coat) |
|-------------------------------|-------------------------------|-------------------------------|
| 0.5Lt/ Mt ² / Coat | 0.5 mm | 0.25mm |

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. |