

EUROTEC SPO IS A LIQUID APPLIED, SINGLE PLY OVERLAY SYSTEM

Eurotec SPO is specifically designed for use on degraded Single Ply applications. It is formulated using synthetic resins and fast drying solvents ensuring the optimum bond to the ageing single ply substrates.

Eurotec SPO systems are available with Guarantees and Warranties of up to 20 years.

1. APPLICATIONS



- Eurotec SPO is specifically formulated to refurbish ageing Single Ply Roof Membranes

2. COST BENEFITS

- Prevents further degradation of the Single Ply Membrane
- Removes the requirement of stripping and disposing of the existing membrane
- Rapid and easy application
- Overcoat from four hours in ventilated conditions.
- Cold applied, no hot works insurance required
- Tins can be opened and re-sealed with no surface skinning inside of the tin
- Resistant to industrial and environmental pollution

3. DURABILITY

Eurotec SPO protects the Single Ply Membrane from further infra red and ultra violet degradation, thermal movement and heat build up whilst resisting industrial and environmental pollution.

Eurotec SPO should be inspected annually as part of a regular maintenance program. When subjected to normal service conditions, Eurotec SPO should not need to be recoated for the duration of the guarantee/ warranty period awarded.

4. TYPICAL PHYSICAL & PERFORMANCE DATA

Form	Coloured Liquid
Standard Colours	Base Coat: Red Top Coat: Produced to Order
Specific Gravity	1.15
Non Volatile Content	55%
Pack Sizes	15 Litres
Shelf Life	6 Months
Application Temperature Limits	5 to 40°C
Curing Time	2 to 4 hours (dependant on system)
Overcoat Time	2 to 4 hours (dependant on System)
Adhesive Strength	> 1.0N/mm ²
Elongation BS ISO 37: 2005	>250%
UV Resistance BS 4892	Excellent



5. SPECIFICATION GUIDANCE

Substrate Preparation

- All moss, lichen or fungal growth should be removed. A fungicidal wash can be used if required. This must be done prior to the complete washing down of all surfaces. Thoroughly wash the entire area to be treated with a mild detergent solution to ensure all dirt, oil and grease residues are removed.
- Fresh water rinse and allow to dry.
- Repair any membrane failures with an appropriate single ply adhesive or hot air welding. Only qualified hot air welders should attempt to repair single ply failures or blisters.
- Before applying Eurotec SPO solvent wipe the single ply with Solvent wipe No 2. (do not use white spirit).
- For a more detailed preparation guidance contact Euro Polymers Technical Department.

Application

Eurotec SPO Systems. The choice of system is dependant of the length of guarantee or warranty required and the condition of the single ply to be over coated.

Priming

For all systems prime the area to be coated with Eurotec SPO Clear Primer at 0.166-0.25 Litres/m², paying particular attention to the joints

5 Year System : Eurotec SPO Basecoat applied at 0.75 Litres/ m²
Eurotec SPO Top Coat applied at 0.75 Litres/ m²

10 Year System : Eurotec Joint Tape applied to all joints and detail areas with SPO Basecoat applied 100mm either side.
Eurotec SPO Basecoat fully reinforced with Polymat 50 applied at 1 Litre/ m²
Eurotec SPO Top Coat applied 0.5 Litres/ m²

15 Year System : Eurotec Joint Tape applied to all joints and detail areas with SPO Basecoat applied 100mm either side.
Eurotec SPO Basecoat fully reinforced with Polymat 50 applied at 1.25 Litres/ m²
Eurotec SPO Top Coat applied at 0.75 Litres/ m²

20 Year System : Eurotec Joint Tape applied to all joints and detail areas with SPO Basecoat applied 100mm either side.
Eurotec SPO Basecoat fully reinforced with Polymat 50 applied at 1.25 Litres/ m²
Eurotec SPO Top Coat, Two coats each applied at 0.5 Litres/ m²

Guarantees & Warranties

The above systems are for guidance only. For Guaranteed and Warranted systems please contact Euro Polymers to arrange for a site survey as in most instances the condition of the Single Ply Membrane will determine the appropriate system for application.

Temperature

Eurotec SPO 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 at temperatures between +5°C and + 40°C. Eurotec SPO is applied in 2 colour coded coats, allowing the first coat to fully dry before the application of the second. Apply the second coat at right angles to the first. Normal recoat time is 4-8 hours in ventilated conditions.

Detailing and Reinforcing for 10, 15 and 20 Year Systems

Details: All joints, details and repairs to the roof should be reinforced with Euro Polymers Eurotec Joint Tape. Fully coat the Eurotec Joint Tape with a strip coat of Eurotec SPO base coat to 100mm either side of the Joint Tape and allow to dry prior to coating the full area.

All Areas : On all areas, including the already treated joints, details and repairs, apply the chosen Eurotec SPO System. When reinforcing the entire area with 1.0mtr wide Polymat 50, ensure that the Polymat 50 has a minimum 50mm overlap to all edges and is fully embedded into the first coat of Eurotec SPO.

Contact Euro Polymers for any further technical assistance.