

EUROTEC ME15

Guaranteed Metal & Plastisol Coating

Data Sheet
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EUROTEC ME15 IS A LIQUID APPLIED, METAL & PLASTISOL COATING

Eurotec ME15 is specifically designed for use on external metal & plastisol cladding applications. It is formulated using synthetic resins and fast drying solvents ensuring the optimum bond to difficult substrates.

Eurotec ME15 is available in a wide range of colours, including a colour match service, offering limitless design opportunities for refurbishment projects.

Eurotec ME15 applications offer a 15 Year Guarantee

1. APPLICATIONS



- Eurotec ME15 is specifically formulated for the refurbishment of external Metal & Plastisol Cladding.

2. COST BENEFITS

- Saves the cost of completely re-cladding.
- Flexible, cold applied, rapid & simple application
- Overcoat in less than 1 hour in ventilated conditions.
- Cold applied, no hot works insurance required
- Tins can be opened and re-sealed with no surface skinning inside the can
- Resistant to industrial and environmental pollution

3. GUARANTEED DURABILITY

Eurotec ME15 protects metal from further corrosion and cladded surfaces from further infra red and ultra violet damage, thermal movement and heat build up whilst resisting industrial and environmental pollution.

Eurotec ME15 should be inspected annually as part of a regular maintenance program. When subjected to normal service conditions, Eurotec ME15 should not need to be recoated for ten years.

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



PHOENIX

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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, chalk deposits, oil and grease residues are removed. Fresh water rinse and allow to dry.
- Treat or remove any corrosion or damaged areas;
 - Most corrosion occurs at the sheet ends, sides and overlaps. Remove using mechanical abrasive tools to achieve a bright metal substrate. Feather back the plastisol until sound.
- Remove any white zinc salts by dry abrading using nylon scouring pads.
- Remove any lifted or curled plastisol using mechanical abrasive tools. Feather back until sound.
- Ensure all substrates are clean, dry and free from oil, grease or other contaminants before applying any product.
- For a more detailed preparation guidance contact Euro Polymers Technical Department.

Priming

Patch prime any areas that have been treated for corrosion or degradation with Eurotec Universal Primer. Priming is not usually necessary for the main area, however any subsequent repairs might require some treatment prior to application. Contact Euro Polymers for technical assistance.

Application

- The product should be stirred well before use.
- Apply using a airless spray, a Euro Polymers Rapid Application Brush or short haired rollers.
- The product must not be applied to wet substrates or in 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 usually applied in two coats. The second coat will emphasize the colour and opacity. Allow the first coat to thoroughly dry prior to application of the second. Normal recoat time is 2 hours in ventilated conditions.



Eurotec ME15 System

Eurotec Universal Primer applied at a coverage rate 4 to 6 M² / Litre

Eurotec ME 15 Base Coat applied at a coverage rate 1M² / Litre

Eurotec ME 15 Top Coat applied at a coverage rate 2M² / Litre