



PRODUCT DESCRIPTION

SINGLE COMPONENT SOLVENT BASED MOISTURE CURED POLYURETHANE COATING

COPON POLYCOTE LV SEALER has been developed as a high performance sealer for concrete and related substrates. COPON POLYCOTE LV SEALER is designed to serve as a primer/sealer as part of a multicoat Copon Hycote or Copon Polycote Coating system. It is also suitable as a simple dust proofing coating. COPON POLYCOTE LV SEALER has outstanding proven intercoat adhesion performance and provides a sound basis for high build coating applications incorporating a degree of flexibility.

Standard Colour Availability: Manufactured only as a clear matt coating.

GENERAL PROPERTIES

Adhesion Excellent to correctly prepared surfaces.

PHYSICAL CONSTANTS

Total Solids Content (Average) by Volume	48%
Specific Gravity (Average)	1.01
V.O.C. (As Supplied)	454gm/litre
Film Thickness (Typical)	Wet 104 microns Dry 50 microns
Note:	The thickness to be applied should be agreed between the specifier and the manufacturer dependant on operational performance requirements.
Theoretical Coverage Rate	9.6 sq. metres per litre at 50 microns dft

SURFACE PREPARATION

Surfaces should be free from laitence and other contamination using light abrasive blasting or scarifying.
All dust and loose material must be removed.
Surfaces should have a maximum moisture content of 7%.

MIXING

Number of Components	Single component material.
Mixing Ratio	Supplied ready for use.

APPLICATION

Conditions for Application	a) Do not apply when the Relative Humidity exceeds 85% or when the surface to be coated is less than 3°C above the dew point. b) Minimum temperature for application is 2°C.
METHOD	COPON POLYCOTE LV SEALER can be applied by brush, roller or airless spray.
Typical Airless Spray Settings	Tip Size 11-15 thou Tip Pressure 2500 psi Clean all equipment after use with COPON PU 71 THINNERS.

DRYING AND CURE TIMES AT 20°C

Touch Dry	2 - 3 hours
Minimum Overcoating	2 hours - with solvent based products
	4 hours - with solvent free products
Maximum Overcoating	24 hours - with solvent based products
	16 hours - with solvent free products

Note: Minimum overcoating times refer to application of subsequent coats of the same product type; for overcoating with other products please refer to the Copon Technical Centre.

HEALTH & SAFETY

1. In wet state COPON POLYCOTE LV SEALER is flammable.
2. Adequate ventilation must be provided during use.
3. Undue contact with the skin should be avoided.

NOTE: Full Health & Safety Data is available from E Wood Ltd.

PACKAGING AND STORAGE

Supplied in 5 Litre Units.

Use within 12 months of purchase. Opened containers should be fully used as opened containers have reduced shelf life. Store in original sealed containers at temperatures between 5°C and 30°C.

Copon System Recommendations take precedence over individual safety data sheets and are available on request.



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