



PRODUCT DESCRIPTION

SINGLE COMPONENT SOLVENT BASED MOISTURE CURED POLYURETHANE COATING
COPON POLYCOTE UV BARRIER COAT has been developed as a colour stable primer with proven barrier coat/tie coat characteristics.

COPON POLYCOTE UV BARRIER COAT has been formulated to adhere to a variety of building substrates including dense concrete and tiles, as well as to sound previously coated surfaces.

COPON POLYCOTE UV BARRIER COAT serves as an excellent primer to a number of Copon Polycote and Copon Polyurethane Finish Coatings.

COPON POLYCOTE UV BARRIER COAT has a high order of resistance to a range of chemicals and solvents.

Standard Colour Availability: Can be manufactured in a very select range of colours. Subject to a minimum batch manufacture.

GENERAL PROPERTIES

Adhesion Excellent to correctly prepared surfaces.
Chemical Resistance Excellent resistance to a range of chemicals and solvents.

PHYSICAL CONSTANTS

Total Solids Content (Average) by Volume 50%
Specific Gravity (Average) 1.46
V.O.C. (as supplied) 366gm/litre
NOTE: Thinning for spray application will increase the applied V.O.C.
Film Thickness (Typical) Wet 60 microns Dry 30 microns
Note: The thickness to be applied should be agreed between the specifier and the manufacturer dependant on operational performance requirements.
Theoretical Coverage Rate 16 sq. metres per litre at 30 microns dft

SURFACE PREPARATION

Porous Concrete/Render All dust and loose material should be removed then surfaces should be sealed with COPON POLYCOTE LV SEALER.
Existing Coatings Prior to full application, a trial application should be carried out to check compatibility.
Tiles All surfaces should be sound, free from oil and grease. Surfaces should be clean and free from oil or grease.

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 UV BARRIER COAT 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 hours
Hard dry	4 hours
Minimum overcoating	2 hours
Maximum overcoating	24 hours

HEALTH & SAFETY

1. In wet state COPON POLYCOTE UV BARRIER COAT 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 Copon product data sheets and are available on request.



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