



RT98 Accreditation
Ease of Decontamination Approval

PRODUCT DATA
COPON
HYCOTE
53 WT

PRODUCT DESCRIPTION

TWO COMPONENT WATER-BORNE EPOXY FINISH

COPON HYCOTE 53 WT is an ideal product for use in building interiors and confined underground locations or wherever the use and application of solvent based paints would present a health or fire safety hazard.

COPON HYCOTE 53 WT Finish Colour presents excellent resistance to abrasion and impact.

COPON HYCOTE 53 WT is the ideal choice for applications in food and beverage processing establishments and anywhere where hygienic conditions are important on account of its low odour characteristics.

Standard Colour Availability Manufactured in White and Black. Selected BS 4800 or RAL standard colour are available subject to minimum batch manufacture.

GENERAL PROPERTIES

Adhesion	Excellent on correctly prepared and primed surfaces.
Abrasion	Excellent resistance to abrasion and mechanical damage.
Chemical Resistance	Excellent resistance to oils, fats and aqueous solutions.
Finish	Excellent gloss retention.
Temperature	Suitable for up to 60°C in dry heat conditions.
Railtrack 98	Item Number 5.7.6
Ease of Decontamination	Tested to BS4247 Part 1 Certificate No. 491/167

FIRE PERFORMANCE TEST DATA

COPON HYCOTE 53 WT systems have been extensively tested on a wide variety of substrates to a range of British and other International Standards. Full test results are available on request from E Wood Technical Centre. Tests carried out include:-

BS476 - Part 7	Class 1 Surface Spread of Flame.
BS476 - Part 6	Class 0 in accordance with UK Building Regulations.
BS6853 - Annex D Section 8.4 (Panel Test)	

PHYSICAL CONSTANTS

Total Solids Content (Average by volume)	50%
Specific Gravity (Average Mixed)	1.28
V.O.C.	Nil
Film Thickness (Typical)	Wet 100 microns Dry 50 microns
NOTE:	The thickness to be applied should be agreed between the specifier and the manufacturer dependent on operational performance requirements.
Theoretical Coverage Rate	10 m ² per litre at 50 microns dft

SURFACE PREPARATION

METHOD Surfaces will have first been primed with an approved Copon Primer. Surfaces should be dry and free from contamination.

(continued overleaf)

MIXING

Airless Spray	Airless 30:1 Ratio Pump minimum
Number of Components	Supplied in two parts: Base component and Activator component.
Mixing Ratio (by volume)	4 parts Base component. 1 part Activator
Method of Mixing	Stir contents of base container, continue stirring and slowly add contents of activator container. Mix thoroughly until a homogenous mix is obtained.

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 7°C.
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Typical spray settings are: **METHOD** COPON HYCOTE 53 WT can be applied by brush, roller and airless spray.

Airless Spray Airless 30:1 Ratio Pump minimum
Recommended Tip range 11-15 Thou
Tip Pressure approx 2000 psi (145 Bar)

COPON HYCOTE 53 WT is supplied ready for use by brush and roller but for spray application an addition of up to 5% water may be required. Good quality brushes or lambswool/mohair rollers should be used for these methods of application.

Clean all equipment immediately after use with water, followed if necessary, by COPON SA65 THINNERS.

NOTE: When airless spray is being used, excessively high tip spraying pressures should be avoided.
The minimum pressure at the pump conducive with good atomisation should be used.

DRYING AND CURING TIMES AT 20°C

Touch Dry	4 hours
Hard Dry	16 hours
Overcoating Time	6 hours min. 5 days max.
Full Cure	10 days

NOTE: At temperatures below 5°C the cure time will be considerably extended.

HEALTH & SAFETY

1. Provide adequate ventilation, especially if using in confined areas.
2. Avoid contact with skin by using gloves and barrier creams.
3. If the product comes into contact with the skin, wash immediately with lukewarm water and soap. If the eyes are affected, flush with water or dilute boric acid solution and seek medical attention at once.

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

PACKAGING AND STORAGE

Supplied in 5 litre packs

Use within 2 years of purchase. Store in original sealed containers at temperatures between 5°C and 30°C. Protect from frost during storage and use.

Copon System Recommendations take precedence over individual Copon Product Data Sheets and are available on request.



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