



## PRODUCT DESCRIPTION

### SINGLE COMPONENT WATER-BORNE HIGH BUILD ANTI-CORROSIVE COATING

COPON HYCOTE HYDRASEAL has been specifically developed as a highly effective protective coating for the undersides of vehicle chassis and adjacent areas, including passenger and freight rolling stock.

COPON HYCOTE HYDRASEAL serves as an ideal long term maintenance free, high build coating.

COPON HYCOTE HYDRASEAL can be applied in a single coat and being water-borne is much safer to use than traditional solvent based materials.

**Standard Colour Availability**      Manufactured only in Black. Possible manufacture in other very dark colours

## GENERAL PROPERTIES

<b>Adhesion</b>	Excellent to correctly prepared surfaces.
<b>Corrosion Resistance</b>	Outstanding resistance on correctly prepared substrates.
<b>Impact Resistance</b>	Excellent impact resistance and flexibility.

## FIRE PERFORMANCE TEST DATA

COPON HYCOTE HYDRASEAL systems have been extensively tested on a wide variety of substrates to a range of British Standards. Full test details and results are available on request from the 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.

## PHYSICAL CONSTANTS

<b>Total solids content (Average) by Volume</b>	50%
<b>Specific Gravity</b>	1.27
<b>V.O.C. (as supplied)</b>	25 gm/litre
<b>Film Thickness (typical)</b>	Wet 200-300 microns. Dry 100-150 microns
<b>Note:</b>	The thickness to be applied should be agreed between the specifier and the manufacturer dependant on operational performance requirements.
<b>Theoretical Coverage Rate</b>	5 sq metres per litre at 100 microns dft

## SURFACE PREPARATION

**METHOD**      All surfaces must be thoroughly degreased, clean and dry before coating.

## MIXING

<b>Number of Components</b>	Single component material supplied ready for use.
<b>Method of Mixing</b>	Stir contents of container thoroughly prior to use.

## APPLICATION

**Conditions for Application** 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.

**METHOD** COPON HYCOTE HYDRASEAL is supplied ready for use by brush or airless spray. Separate grades are available for both methods of application. Further advice on equipment and application procedures is available from the Copon Technical Service Department. Prior to use (especially where solvent based products have been used previously) equipment should be first flushed out with water miscible solvent (such as COPON 3000 CLEANING SOLVENT) followed by clean water. After use equipment should be flushed with clean water. If equipment is then used for solvent based products it should now be flushed with water miscible solvent.

### Typical Airless Spray

**Settings are:** Minimum 30:1 Pump Ratio  
Tip Pressure 2500 psi minimum  
Tip size 15-21 Thou

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## DRYING AND CURE TIMES AT 20°C

Touch Dry	30-40 minutes
Dry to Handle	60 minutes
Full Cure	7 days

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## HEALTH AND SAFETY

1. COPON HYCOTE HYDRASEAL is a water based system and does not present any health hazard during normal industrial use.
2. Skin contact should be avoided. Any affected areas should be washed with soap and water.
3. Where eye contact occurs, the eye should be washed immediately with copious clean water.

**NOTE:** Full Health and Safety Data is available from E Wood Ltd

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## PACKAGING AND STORAGE

Supplied in 5, 20 and 200 litre units.

Use within 12 months of purchase. Store in original sealed containers at temperatures between 5°C and 30°C.

Protect from frost during storage and use.



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