



## PRODUCT DESCRIPTION

### A TWO COMPONENT SOLVENT FREE URETHANE COATING

COPON HYCOTE 165PR has been developed as a pour and roll floor coating, a special version of the series of high build solvent free urethane coating systems suitable for the long term maintenance free protection of cementitious and metallic substrates.

COPON HYCOTE 165PR is specifically designed for application by brush or roller as a high build flexible floor coating system, applied to asphalt, concrete or other relevant surfaces.

COPON HYCOTE 165PR is formulated to combine outstanding abrasion and impact resistance with a significant degree of flexibility. COPON HYCOTE 165PR is particularly suitable where concrete floors are under attack from a variety of aggressive operating conditions.

**Standard Colour Availability**      Manufactured only in a Light Grey colour.

## GENERAL PROPERTIES

<b>Abrasion</b>	Excellent resistance to abrasion and mechanical damage.
<b>Tensile Strength</b>	2800 psi
<b>Elongation</b>	35%

## PHYSICAL CONSTANTS

<b>Total Solids Content (Average) by Volume</b>	100%
<b>Specific Gravity (Average Mixed)</b>	1.2
<b>V.O.C.</b>	Nil
<b>Film Thickness (Typical)</b>	1mm Wet/Dry.
<b>Note:</b>	The thickness to be applied should be agreed between the specifier and the manufacturer dependent on operational performance requirements.
<b>Theoretical Coverage Rate</b>	1 m <sup>2</sup> per litre at 1000 microns.

## SURFACE PREPARATION

<b>METHOD</b>	Surfaces should be suitably prepared, clean and dry. In most situations an appropriate primer/sealer will be required. Primed surfaces should be clean, dry, free from dust and other contamination prior to overcoating with COPON HYCOTE 165 PR.
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## MIXING

<b>Number of Components</b>	Supplied in two parts: Base component and Activator component.
<b>Mixing Ratio (by volume)</b>	3 parts Base component. 1 part Activator component.
<b>Pot (Usable) Life</b>	25 minutes at 20°C
<b>Method of Mixing</b>	Stir the Base component and whilst stirring add the Activator component and mix thoroughly. The use of a mechanical mixer is advisable to ensure complete and thorough mixing.

## APPLICATION

<b>Conditions for Application</b>	Do not apply when the relative humidity exceeds 90% or when the surface to be coated is less than 3°C above the dew point. Application is best carried out when the surface to be coated is above 10°C.
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<b>METHOD</b>	COPON HYCOTE 165 PR should be applied by brush or roller to the required thickness to give a smooth finish. All equipment must be cleaned immediately after use using COPON 7600 THINNERS/CLEANING SOLVENT.
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*(continued overleaf)*

## DRYING AND CURE TIMES AT 20°C

Touch Dry - 5 hours  
Hard Dry - 16 hours  
Full Cure - 7 days  
Overcoating - minimum 16 hours  
- maximum 48 hours

**Note:** Advice should be sought on every occasion in writing from the E Wood Technical Centre regarding procedures.

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## HEALTH & SAFETY

1. Adequate ventilation must be provided during use.
2. Undue contact with the skin should be avoided.

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

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## PACKAGING AND STORAGE

Supplied in 4 litre and 20 litre packs.

Use within 2 years of purchase. 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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