



## PRODUCT DESCRIPTION

### TWO COMPONENT SOLVENT FREE URETHANE COATING

COPON HYCOTE 165 PW-PR has been developed as a pour and roll version of COPON HYCOTE 165PW high build solvent free elastomeric urethane coating for the long term maintenance free protection of cementitious and metallic substrates.

COPON HYCOTE 165 PW-PR is specifically designed for application by brush or roller as a high build flexible coating system, for asphalt, concrete or other reservoir roof surfaces.

COPON HYCOTE 165PW-PR can also be used as a protective lining of weirs, channels and bund areas subject to contact with acids and alkalis associated with waste water treatment.

COPON HYCOTE 165 PW-PR is formulated to combine outstanding abrasion and impact resistance with a significant degree of flexibility.

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

## GENERAL PROPERTIES

<b>Abrasion</b>	Excellent resistance to abrasion and mechanical damage.
<b>Tensile Strength</b>	2800 psi
<b>Elongation</b>	35%
<b>Potable Water Contact</b>	Water Regulations Advisory Scheme Approved Product for contact with potable water.

## 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>	Wet/Dry 1 mm
<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>	1m <sup>2</sup> /litre at 1 mm dft.

## 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 PW-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

**Conditions for Application** 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.

**METHOD** COPON HYCOTE 165 PW-PR should be applied by brush, roller or squeegee 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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## DRYING & CURE TIMES AT 20°C

<b>Touch Dry</b>	- 5 hours
<b>Hard Dry</b>	- 16 hours
<b>Full Cure</b>	- 7 days
<b>Overcoating</b>	- minimum 16 hours
	- maximum 48 hours

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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.

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



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