



Approved under Regulation
25 (1)(a) for Factory , On Site
and In Situ Applications



PRODUCT DATA
**COPON
HYCOTE
162 PW**

PRODUCT DESCRIPTION

TWO COMPONENT SOLVENT FREE EPOXY COATING

COPON HYCOTE 162 PW has been specifically developed for the long term protection of concrete and steel, drinking water pipelines, storage and process tanks or vessels and other water retaining structures and related steelwork immersed or in contact with potable water.

COPON HYCOTE 162 PW is only available for application by brush or roller in one or more coats of 250-300 microns per coat.

IMPORTANT NOTE: Multi coat applications must be carried out in strict accordance with the appropriate system recommendations ensuring that application conditions and overcoating intervals are fully acceptable for optimum intercoat adhesion. This applied to both COPON HYCOTE 162PW multi-coat systems and to the application of COPON HYCOTE 162PW as a stripe coat prior to the spray application of COPON HYCOTE 162PWX.

Standard Colour Availability Manufactured in a Pale Grey or Water Industry Blue.

GENERAL PROPERTIES AND APPROVALS

Abrasion	Excellent resistance to abrasion and mechanical damage.
Adhesion	Excellent on correctly prepared surfaces.
Erosion	Excellent erosion resistance particularly recommended for immersion in aqueous slurries.
Potable Water	Approved by the Water Research Council for contact with potable water under the United Kingdom Water Fittings Byelaws Scheme, in accordance with BS 6920. Approved under Regulation 25 (1)(a) of the Water Supply (Water Quality) Regulations 1989. To comply with the conditions of approval under Regulation 25 (1)(a) COPON HYCOTE 162 PW must be applied in accordance with an approved Copon System Recommendation available from the Copon Technical Centre on request.

PHYSICAL CONSTANTS

Total Solids Content (Average) by Volume	100%
Specific Gravity (Average Mixed)	1.5
V.O.C.	Nil
Film Thickness (Typical)	Dry 250 microns Wet 250 microns
Note:	The thickness to be applied should be agreed between the specifier and the manufacturer dependant on operational performance requirements.
Theoretical Coverage Rate	4sq metres per litre at 250 microns.

SURFACE PREPARATION

METHOD	a) Steel Surfaces - All steel surfaces to be coated should be abrasive blast cleaned to minimum Standard SA2½ in accordance with BS 7079 Part A1 1989 or equivalent. b) Concrete Surfaces - All concrete surfaces to be coated should be prepared by either lightly abrasive blast cleaning using wet abrasive or dry techniques or alternatively high pressure water jetting. Care should be taken not to expose the aggregate. All dust and abrasive material shall be removed from the surface prior to coating. In most situations a recommended primer/sealer coat will be required.
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(continued overleaf)

MIXING

Number of Components	Supplied in two parts: Base component and Activator component.
Mixing Ratio (by volume)	2 parts Base component. 1 part Activator component.
Pot (Usable) Life	Approximately $\frac{3}{4}$ hour at 20°C.
Method of Mixing (For Brush and Application)	Stir the contents of the Base component, continue stirring and gradually add the total contents of the Activator component, continue stirring until a homogeneous mix is obtained.

APPLICATION

Conditions for Application	a) Multi Coat/Stripe Coat Applications. Do not apply when the Relative Humidity exceeds 70% or when the surface to be coated is less than 3°C above the dew point. Minimum temperature for application and subsequent curing is 10°C. b) Single Coat 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. Minimum temperature for application is 7°C.
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METHOD	COPON HYCOTE 162 PW is primarily designed for application by brush or roller. Good quality brushes or short to medium pile rollers should be used for these methods of application. The COPON HYCOTE 162 PW should be applied to give a uniform even coating thickness and optimum results are achieved when both material and substrate temperatures are above 15°C. Clean all equipment immediately after use with COPON SA65 THINNERS.
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DRYING AND CURE TIMES AT 20°C

Touch Dry	6 hours
Minimum Overcoating - 6 hours	
Maximum overcoating - 24 hours	
Full Cure	7 days
Overcoating	Refer to Copon System Recommendations 10T-E and 10T-F as appropriate for full details.

HEALTH & SAFETY

1. Adequate ventilation must be provided during use.
2. Undue contact with the skin should be avoided.
3. This material is 100% solvent free.

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

PACKAGING AND STORAGE

Base and Activator separately in 5 and 1 litre packs.
Use within 5 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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