

PRODUCT DESCRIPTION

TWO COMPONENT SOLVENT FREE EPOXY COATING

COPON HYCOTE 665 is a high performance high build protective coating developed specifically as an abrasion and chemical resistant heavy duty floor coating.

COPON HYCOTE 665 has been formulated for application either by spray, brush or roller.

Depending upon the type and the condition of the flooring substrate to be protected, specific primers and sealers are available from Copon for use in conjunction with COPON HYCOTE 665. Furthermore, where slip deterrent properties are required a select range of aggregates are available for inclusion in the coating system.

COPON HYCOTE 665 being a solvent free material is eminently suitable for use in confined areas or where flammable products are undesirable.

Standard Colour Availability Can be manufactured to selected BS 381C, BS 4800 or RAL standard colours subject to minimum batch manufacture.

GENERAL PROPERTIES AND APPROVALS

Abrasion	Excellent resistance to abrasion and mechanical damage.
Adhesion	Excellent on correctly prepared surfaces.
Surface Finish	High gloss.
Slip Deterrent Finish	Excellent slip deterrent properties when combined with graded aggregate.
Chemical Resistance	Recommended for use against a wide range of chemical spillage and splashes i.e. resistant to oils, fats, solvents, acids and alkalis, diesel, petroleum etc.
Ease of Decontamination	Tested to BS4247 Part 1 Certificate No. 240389/6

PHYSICAL CONSTANTS

Total Solids Content (Average) by Volume	100%
Specific Gravity (Average Mixed)	1.36
V.O.C.	Nil
Film Thickness (Typical)	Wet/dry 200 microns Note: The thickness to be applied should be agreed between the specifier and the manufacturer dependant on operational performance requirements.
Theoretical Coverage Rate	5m ² per litre at 200 microns dft.

SURFACE PREPARATION

METHOD	Surfaces should be clean, dry and free from oil, grease and contaminants. The surface should be primed with an approved COPON HYCOTE primer or sealer. Large cracks, worn areas and large holes should be made good with COPON HYCOTE 670GT.
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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	45 minutes at 20°C.
Method of Mixing	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.

(continued overleaf)

APPLICATION

Conditions of Application	a) Do not apply when the relative humidity exceeds 85% or when the surface to be coated is less than 3% above the dew point. b) Minimum temperature for application is 10°C.
METHOD	COPON HYCOTE 665 can be applied by brush or roller. Good quality brushes and short or medium pile rollers should be used for these methods of application.
Slip Deterrent Flooring System	Apply COPON HYCOTE 665 by any of the above methods onto the prepared floor. Whilst the floor coating is wet introduce by scattering grade 30 or 40 aggregate onto the surface. Approximately 0.025 kilos of aggregate per sq. metre will be required to produce a medium dispersion. After overnight curing remove any loose aggregate. If required a final seal coat of COPON HYCOTE 665 may be applied. Clean all equipment immediately after use with COPON SA65 THINNERS.

DRYING AND CURE TIMES AT 20°C

Touch Dry	6-8 hours
Hard Dry for service	16 hours
Maximum overcoating	72 hours
Full Cure	7 days

HEALTH & SAFETY

1. Adequate ventilation must be provided during use.
2. Undue contact with the skin should be avoided.
3. If the product comes into contact with the skin, wash immediately with soap and water. If the eyes are affected flush with plenty of water and seek medical advice.

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

PACKAGING AND STORAGE

Supplied in 5 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.



E WOOD LTD
STANDARD WAY
NORTHALLERTON
NORTH YORKS
DL6 2XA

TEL 01609 780170
FAX 01609 780438/777905(General)
FAX 01609 788718 (Technical)
E-MAIL copon@ewood.co.uk
URL: <http://www.copon.co.uk>