



PRODUCT DESCRIPTION

SINGLE COMPONENT MOISTURE CURED POLYURETHANE

COPON POLYCOTE HBF FINISH has been developed as a high build finish colour coating offering a wide range of proven performance characteristics.

COPON POLYCOTE HBF FINISH has been formulated to provide a very hard and abrasion resistant finish film together with a very high order of colour and gloss retention.

COPON POLYCOTE HBF FINISH combines elasticity and flexibility properties and serves as the ideal finish colour coating applied over a variety of Copon Polycote Primers and intermediate coats as well as over COPON HYCOTE 165 solvent free urethane.

Standard Colour Availability Can be manufactured to a select range of BS381C, BS4800 and RAL colour standards subject to minimum batch manufacture.

GENERAL PROPERTIES

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| Adhesion | Excellent to correctly prepared or primed surfaces. |
| Chemical Resistance | Excellent resistance to a wide range of chemicals and solvents. |
| Light Fastness | Excellent gloss and colour retention. |

PHYSICAL CONSTANTS

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| Total Solids Content (Average) by Volume | 60% |
| Specific Gravity (Average) | 1.4 |
| V.O.C | 280 gm/litre |
| Note: | Thinning for spray application will increase the applied V.O.C. |
| Film Thickness (Typical) | Wet 125 microns Dry 75 microns Note: The thickness to be applied should be agreed between the specifier and the manufacturer dependent on operational requirements. |
| Theoretical Coverage Rate | 8 sq. metres per litre at 75 microns dft |

SURFACE PREPARATION

Primed/coated surfaces should be clean and free from grease, oil and all other possible contaminants.

Primed/coated and cleaned surfaces must be overcoated with COPON POLYCOTE HBF FINISH in strict accordance with the laid down overcoating schedule for the relevant primer/coating already applied.

Whenever any doubt exists relating to overcoating, please refer to the Copon Technical Centre.

MIXING

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|-----------------------------|----------------------------|
| Number of Components | Single component material. |
| Mixing Ratio | Supplied ready for use. |

APPLICATION

Conditions for Application

Provided the surface is dry and free from condensation or ice, Copon POLYCOTE HBF FINISH can be applied at temperatures down to 0°C with no restrictions on relative humidity.

However, COPON POLYCOTE HBF FINISH should not be applied during rain/snow or when precipitation is likely to occur before the coating has achieved a "touch dry" state.

METHOD Typical Airless Spray Settings

COPON POLYCOTE HBF FINISH can be applied by brush or airless spray.

Tip Size 13 - 17 thou

Tip Pressure 2500 - 3000 psi

COPON POLYCOTE HBF will require thinning for spray application depending on equipment being used when up to 10% by volume of COPON PU 71 THINNERS may be added.

Clean all equipment after use with COPON PU 71 THINNERS.

DRYING AND CURE TIMES AT 20°C

Touch Dry 2 hours

Hard Dry 16 hours

Minimum Overcoating 4 hours

Full Cure 7 days

HEALTH & SAFETY

1. In the wet state COPON POLYCOTE HBF FINISH is flammable.
2. Adequate ventilation must be provided during use.
3. Undue contact with the skin should be avoided.

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

PACKAGING AND STORAGE

Supplied in 5 litre units.

Use within 12 months of purchase. Store in original sealed containers at temperatures between 5°C and 30°C. Opened containers should be fully used as opened containers have reduced shelf life.

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



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