

Flowcoat UV HB

PRODUCT DATA SHEET

Description

Flowcoat UV HB is an aliphatic acrylic polyurethane providing colour fast coating. It is a glossy, attractive topcoat that is smooth and easy to clean. Flowcoat UV HB has a very good resistance to acid, alkalies and most solvent spills. It also has excellent resistance to splash and spillage of salts and water.

Recommended Uses

Flowcoat UV HB is recommended as a finish coat for cellular masts, exteriors of tanks, equipment, piping, structural steel and concrete surfaces where chemical resistance, toughness and durability are required.

Advantages

- Excellent abrasion resistance.
- Excellent durability.
- Good flexibility.
- Very good gloss and colour retention.

Surface Preparation

Remove any oil or grease from the surface to be coated.

Steel: Apply over clean, dry recommended primers and/or tie coats.

Concrete: Apply over clean, dry recommended primers or surfaces.

Mixing: Mix separately, then combine and mix in the following proportions. Do not mix partial kits.

Application

Do not apply when the surface temperature is less than 2°C above the dew point. Special thinning and application techniques may be required above or below normal conditions.

Spray applications: Use sufficient air volume for correct operation of equipment. Use a 50% overlap with each pass of the gun. On irregular surfaces, coat the edges first, making an extra pass later.

Properties

No of components:	2
Pot Life at 25°C:	4 hours at 25°
Drying Time:	
Touch Dry	3 hours
Practical Cure	12 hours
Full Cure	7 days
Apply by: Brush, roller or airless spray	
Theoretical Coverage:	8m ² /ℓ
Dry Film Thickness @ 8m ² /ℓ:	60 microns
Recommended N° of coats:	2
Overcoat Time @ 25°C:	
	Min 10 hours
	Max None
Application Temperature:	
	Min 10°C
	Max 40°C
Volume Solids:	48% ± 2%
Thinners:	PU Thinners
Cleaner:	W.S.B.C.
Shelf Life:	Part A: 36 months
	Part B: 24 months
Colours:	Various

Health & Safety

Some of the components of this product may be hazardous during mixing and application. Please consult the relevant Health & Safety Data Sheet available from Flowcrete on request and sent with each delivery.

Note:

Polyurethane materials are moisture sensitive. Keep tightly covered before use. Moisture contamination will cause poor cure of the coating or gelation of Part B.

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