

Flowguard HB Primer

PRODUCT DATA SHEET

Description

Flowguard is a twin pack, surface tolerant, high solids, epoxy flake filled primer with exceptional corrosion protection on mild or galvanised steel.

Recommended Uses

Anti-Corrosive primer for steel structures and galvanized steel, particularly where blast cleaning may not be possible. Good corrosion protection in salt and fresh water. Can be used alone as a coating system or over coated with a Flowcrete top coat system selected for a specific environment.

Advantages

- Surface tolerant.
- Excellent corrosion resistance.
- High build
- Very good water resistance.
- Good solvent resistance.
- Good chemical resistance.
- Very good abrasion resistance.

Surface Preparation

Power tool cleaning to St2. Mill scale free (ISO8501-1:1988/SS05 59 00). Improved surface pre-treatment will improve performance. When used over old coating systems, the surface must be clean and dry.

Mild Steel – dry blast to a new white metal in accordance with ISO8501 SA 2½ to obtain a 25 to 50 micron blast profile.

Application

Allow a 2 minute induction period after thorough mixing of two components. Apply by brush, roller or airless spray, one coat at a typical application rate of 5m²/ℓ.

A minimum over coating time of 6 hours at 25°C should be observed. When over coating after extended exposure, ensure surface is free of chalking and other contaminants before over coating.

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.

Properties

No of components:	2
Mixing Ratio:	
Ep: Act by volume	4:1
Pot Life at 25°C:	2 hours
Drying Time:	
Touch Dry	4 hours
Practical Cure	10 hours
Full Cure	7 days
Apply by: Brush, roller or airless spray	
Theoretical Coverage:	6m²/ℓ
Dry Film Thickness @ 6m²/ℓ:	115 microns
Recommended N° of coats:	1
Overcoat Time @ 25°C:	
	Min 7 hours
	Max None
Application Temperature:	
	Min 10°C
	Max 30°C
Total Solids:	80%
Thinners:	Epoxy Thinners
Cleaner:	W.S.B.C.
Shelf Life:	12 months
Nozzle pressure:	15-20Npa
Tip size:	0.8-1.1mm