

PRODUCT DESCRIPTION

Aqua Flame SB one component, solvent borne, high solids intumescent coating to assess fire protection performance on structural steelwork in accordance with a range of standards, providing up to 1 to 2 hours protection.

PRODUCT APPLICATION

Aqua Flame SB to provide fire protection on 'I' sections beams, columns and hollow sections. Due to its fast drying properties, and rapid recoat ability, it is suitable for application in the steel fabrication shop and can be used over a wide range of approved priming systems.

PRODUCT INFORMATION

Color	White,Grey
Packing	16 Liter pack
Mixing Ratio	Not Applicable(Single Pack)
Volume Solids	70% ± 3% (ASTM 2697)
Finish	Matt
Coating System Requirement(DFT)	Primer → Epoxy or Epoxy Zinc Primer (50µm – Recoating Interval 6hrs) Mid Coat → Aqua Flame SB (3 to 5mm – Recoating Interval 24hrs) Aqua Flame SB (750µm Wet-achievable in one coat) Top Coat → Aqua PU (50µm – Recoating Interval 72hrs)
Theoretical Coverage	0.196m ² /litre at 3500 microns DFT, allow appropriate loss factors
Shelf Life	At least 12 month when stored in sealed containers

APPLICATION DATA

Coating Thickness	3 ~ 5 mm(DFT)
Surface Preparation	<u>Steel:-</u> ✓ Near white metal -Sa2.5(ISO 8501-1) with anchor profile 40 ~ 75µm(SSPC-SP10) ✓ ensure blasted steel free from re-rust,oil,sand,moisture or any another contaminates
Method of application	✓ Airless Spray.Brush recommended in small areas and stripe coat only. ✓ Airless spray : Tip size -0.019 inch to 0.023 inch
Thinning ratio	Not necessary, if required use 5% Xylene
Cleaner	Xylene,MIBK

ENVIRONMENTAL CONDITIONS

- ✓ Air Temperature -5 ~ 49°C
- ✓ Substrate Temperature -5 ~ 60°C
- ✓ Relative Humidity :- up to 85%