

## Epoxy glass flake coating-Red/Grey

### Product Description:

- Model: 725-H53-38
- A high solids, high build two pack epoxy glass flake anticorrosive coating.
- Glass reinforced to provide abrasion and chemical resistance.
- Pass the test of NORSOK M501
- VOC less than 150g/L.

### Intended Uses:

- For use in the protection of steelwork in all corrosive environments including splashzone areas on offshore structures, wind power stations and cross sea bridge, etc.
- To provide excellent long term, anti-corrosive and anti-abrasion protection in both new construction and maintenance situations.

### Product Information:

Volume Solids:84%±2%	Finish/Sheen: Gloss
Typical Film Thickness	350microns dry (417microns wet)
Theoretical Coverage( m <sup>2</sup> /L )	2.4 m <sup>2</sup> /L at 500 microns dft, allow appropriate loss factors
Mix Ratio: 4:1(volume) 6.4:1 (mass)	
Method of Application	
Airless Spray	Recommended
	Tip size range:0.45-0.68mm
	Output pressure:≥17MPa
Air Spray	Tip size range:2.0-3.0mm
	Output pressure:≥0.4MPa
Brush/Roller	For small area only
Thinner	Not recommended.Use HX-501 only in exceptional circumstances (volume 5%)
Cleaner	HX-501
Induction Period	Not necessary

### Drying Information:

	10℃	25℃	35℃
Touch Dry	14h	3h	2h
Hard Dry	32h	20h	16h
Pot Life	4h	1.5h	0.5h

### Overcoating Data:

	Substrate Temperature		
	10℃	25℃	35℃
Overcoated by	Min Max	Min Max	Min Max
725-H53-38	24h 10d	20h 7d	16h 4d

### Storage:

Store in cool and dry conditions,Well ventilate.Keep away from hot and fire. Shelf Life: 12 months

minimum at 25 ℃,Subject to re-inspection thereafter.

**Pack Size:**

Part A: 25.6kg/16L in 20L container

Part B: 4kg/4L in 6L container

Part C: 30kg in 20L container

**Flash Point:**

Part A: Greater than 31°C

Part B: Greater than 100°C

Mixed part: Greater than 31°C

**Systems and Compatibility:**

Consult your sales Representative for the systems best suited for the surfaces to be protected.

**Surface Preparation:**

All surfaces to be coated should be clean, dry and free from contamination.

**Abrasive Blast Cleaning for steel**

Abrasive blast clean to Sa2½ (GB/T 8923.1-2011) . If oxidation has occurred between blasting and application of 725-H53-38, the surface should be reblasted to the specified visual standard.

Surface defects revealed by the blast cleaning process should be ground. Filled, or treated in the appropriate manner.

**Concrete**

Remove loose powder of the cement, attached organisms, mud, oil or grease and other foreign matter thoroughly.

The surface can be abraded by blasting or using power tool to remove loose powder, attached organisms, mud etc. and oil can be cleaned by scour.

**Repair****steel**

The areas to be repaired should be cleaned to St3 (GB/T 8923.1-2011) by mechanical method or higher level of surface prepared to Sa2.5 (GB/T 8923.1-2011) by abrasive blasting. Abrade the area immediately surrounding the repair to provide a key for subsequent coating application. Overlap areas should be kept to a minimum.

**concrete**

The areas to be repaired should be remove loose powder of the cement, attached organisms, mud, oil or grease and other foreign matter thoroughly. Abrade the area immediately surrounding the repair to provide a key for subsequent coating application. Overlap areas should be kept to a minimum.

**Limitations:**

- 1) This product will not cure adequately below -5°C. For maximum performance ambient curing temperature should be above 5°C.
- 2) In common with all epoxy base coatings, 725-H53-38 will exhibit chalking of the film on UV exposure.
- 3) Apply in good weather. Temperature of the surface to be coated must be least 3°C above the dew point when the humidity is lower than 85%.
- 4) The dry time and overcoating interval may change according to the environment factors.
- 5) Avoiding absorb the solvent steam and paint steam for long time. Skin and eyes must avoid contacting the paint. Pay attention to ventilate and fireproof when applying.

**Duty statement:**

- The data in the sheet base on the information from the laboratory and practice.
- The application may exceed the control, so we only ensure our product quality.
- We own the right of the data sheet modification without informing.