725-H53-87 High build epoxy intermediate coating

Product Description:

- Model:725-H53-87

-A two pack high build epoxy coating.

-VOC less than 180g/L

Intended Uses:

-For protection of steel structures used in atmospheric environment.

-For protection of steel structures in wind power,offshore facilities and bridge.

Product Information:

Volume Solids:80%±2%	Finish/Sheen： Gloss			
Film Thickness and Theoretical Coverage		Min	Typical	Max
	Dryfilm Thickness(μ m)	80	125	350
	Wetfilm Thickness(μ m)	100	156	437
	Theoretical Coverage(m^2 /L)	10	6.4	2.3
Mix Ratio: 2:1(volume)3.4:1(mass)				
Method of Application				
Airless Spray	Recommended			
	Tip size range:0.38-0.53mm			
	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 only in exceptional circumstances (volume 5%).			
Cleaner	725-HX-501			

Drying Information:

	-5℃	10℃	25℃	35℃
Touch Dry	6h	2h	1h	0.5h
Hard Dry	48h	24h	18h	12h
Pot Life	6h	4h	3h	2h

Overcoating Data:

	-5℃	10℃	25℃	35℃
Overcoated by	Min Max	Min Max	Min Max	Min Max
725-BS43-91	48h 14d	24h 10d	18h 7d	12h 7d
725-H42-30	48h 14d	24h 10d	18h 7d	12h 7d

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: 22kg/13.5L in 20 L container

Part B: 6.5kg/6.5L in 9.25L container

Flash Point:

Part A: Greater than 31℃

Part B: Greater than 28℃
Mixed pant: Greater than 31℃

Systems and Compatibility:

Consult your 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.

Newbuilding

725-H53-87 should be applied over a recommended primer coating scheme. The primer surface should be dry free from all contamination and 725-H53-87 must be applied within the overcoating intervals specified (consult the primer data sheet).
Areas of damage should be prepared to the specified standard (e.g Sa2½ or St3 of GB/T 8923.1-2011) and patchprimed prior to the application of 725-H53-87.
Ensure zinc primers are fully cured and the surface is clean, dry and free from contamination and zincsalts before application of 725-H53-87.

Repair

725-H53-87 may be applied directly over aged 725-H53-87 following thorough fresh water washing and degreasing provided the coating to be overcoated is in an intact and tightly adherent condition. Loose or flaking coatings should be removed back to a firm edge and an appropriate primer should be used to repair the area before application of the full coat.

Limitations:

1) This product will not cure adequately below -10 ℃ . For maximum performance ambient curing temperature should be above -5℃。
2) In common with all epoxy base coatings, 725-H53-87 will exhibit chalking of thefirm on UV exposure.
3) Apply in good weather. Temperature of the surface to be coated must be least 3℃ 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.