

High build epoxy intermediate coating-Grey/White

Product Description:

- Model: 725-H53-87
- A two pack high build epoxy coating.
- Suitable for application at low temperature.
- VOC less than 180g/L

Intended Uses:

- For use in atmospheric environment protection.
- For use at offshore facility, chemical plant, and wind power tower, etc.

Product Information:

Volume Solids: 80% ± 2%	Finish/Sheen: Gloss
Typical Film Thickness	125 microns dry (156 microns wet)
Theoretical Coverage (m ² /L)	6.4 m ² /L at typical film thickness
Mix Ratio: 2:1 (volume) 3.4:1 (mass)	
Method of Application	
Airless Spray	Recommended
	Tip size range: 0.38-0.53 mm
	Output pressure: ≥ 17 MPa
Air Spray	Tip size range: 2.0-3.0 mm
	Output pressure: ≥ 0.4 MPa
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:

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

Overcoating Data:

	Substrate Temperature			
	-5 °C	10 °C	25 °C	35 °C
Overcoated by	Min Max	Min Max	Min Max	Min Max
725-J43-5	48h Non	24h Non	18h Non	12h Non
725-BS43-91	48h Non	24h Non	18h Non	12h Non
725-H42-30	48h Non	24h Non	18h Non	12h Non

Storage:

Store in cool and dry conditions, Well ventilate. Keep away from hot and fire. Shelf Life: 12 months minimum at 25 °C, Subject to re-inspection thereafter.

Pack Size:

- Part A: 22kg/13.5L in 20L container
- Part B: 6.5kg/6.5L in 9.25L container

Flash Point:

Part A: Greater than 31°C

Part B: Greater than 28°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.

Primed Surfaces

The primer surface should be dry free from all contamination and 725-H53-87 must be applied within the overcoating intervals specified (consult the relevant product data sheet).

Areas of breakdown, damage etc., should be prepared to the specified standard (e.g. Sa2½ (GB/T 8923.1-2011) or Abrasive Blasting, or Power Tool Cleaning) and patch primed prior to the application of 725-H53-87.

Metallic Zinc Primed Surfaces

Ensure that surface of the primer is clean, dry and free from contamination and zinc salts before application of 725-H53-87. Ensure zinc primers are fully cured before overcoating.

Limitations:

- 1) For maximum performance ambient curing temperature should be above 5°C.
- 2) In common with all epoxy base coatings, 725-H53-87 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.