

Epoxy zinc rich primer-Grey

Product Description:

- Model:725-H06-80
- A quick dry two pack epoxy primer obtaining zinc powder.The content of zinc in the dry film is more than 80%. The product has good antirust and mechanical properties.
- VOC less than 380g/L.

Intended Uses:

- For use in all above water areas.
- Protection of steel structure for petrochemical plant, chemical plant, paper mill and bridge.

Product Information:

Volume Solids:60%±2%	Finish/Sheen: Matt			
Film Thickness(μm)	Min	Typical	Max	
Dryfilm Thickness	30	60	100	
Wetfilm Thickness	50	100	167	
Theoretical Coverage(m2/L)	20	10	6	
Mix Ratio:3.3:1(volume)10:1(weight)				
Method of Application				
Airless Spray	Recommended			
	Tip size range:0.38-0.53mm			
	Output pressure:≥15MPa			
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	HX-501			
Induction Period	5℃	15℃	25℃	35℃
	30min	20min	10min	0min

Drying Information:

	5℃	15℃	25℃	35℃
Touch Dry	2h	1h	40min	30min
Hard Dry	36h	24h	16h	12h
Pot Life	8h	6h	4h	3h

Overcoating Data:

	5℃	15℃	25℃	35℃
Overcoated by	Min Max	Min Max	Min Max	Min Max
725-H06-80	24h 14d	20h 10d	16h 7d	12h 5d
725-H53-81	24h 14d	20h 10d	16h 7d	12h 5d
725-H42-30	----	20h 10d	16h 7d	12h 5d

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: 32.5kg/11.5L in 20 L container
Part B: 3.2kg/3.5L in 6L container

Flash Point:

Part A: Greater than 31℃

Part B: Greater than 31°C

Mixed paint: 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

- Abrasive blast clean to Sa2.5 (GB/T 8923.1-2011) . If oxidation has occurred between blasting and application of 725-H06-80, the surface should be reblasted to the specified visual standard.
- Surface defects revealed by the blast cleaning process should be ground. Filled, ortreated in the appropriate manner.

Shop Primed Steelwork

- Weld seams and damaged areas should be blast cleaned to Sa2.5 (GB/T8923.1-2011) .
- If the shop primer shows extensive or wildly scattered breakdown overall sweepblasting may be necessary.

Repair

- The areas to be repaired should be cleaned to P St3 (GB/T 8923.2-2008) by mechanical method or higher level of surface prepared to P Sa2.5 (GB/T 8923.2-2008) 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.

Limitations:

- This product will not cure adequately below 5°C . For maximum performance ambient curing temperature should be above 10°C .
- 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%.
- Before overcoating 725-H06-80, it must be clean, dry and free of zinc salts.
- 725-H06-80 Part A may cause some gas when the component was storage at high temperatures. Care should be taken when opening containers.
- 725-H06-80 will react with acid or alkali solutions.
- The dry time and overcoating interval may change according to the environment factors.
- 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.