

725-H06-21 Epoxy zinc rich primer (Zinc 80%)

Product Description:

- Model:725-H06-21

-A quick dry two pack epoxy primer obtaining zinc powder.The content of zinc in the dry film is not less than 80%

-The product has excellent antirust and mechanical properties.

-VOC less than 380g/L

Intended Uses:

-For protection of steel structures used in atmospheric environment.

-For protection of steel structures in offshore facilities, petrochemical, power ,bridge and construction engineering.

Product Information:

Volume Solids:60%±2%		Finish/Sheen: Matt		
Film Thickness and Theoretical Coverage		Min	Typical	Max
	Dryfilm Thickness(μm)	30	60	100
	Wetfilm Thickness(μm)	50	100	167
	Theoretical Coverage (m ² /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		725-HX-501		
Induction Period		5℃	15℃	25℃
		30min	20min	10min
				35℃
				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-H06-21	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°C, 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°C

Part B: Greater than 31°C

Mixed part: Greater than 31°C

Systems and Compatibility:

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

Surface Preparation:

High pressure fresh water wash or fresh water wash, as appropriate, and remove all oil or grease, soluble contaminants and other foreign matter in accordance with SSPC-SP1 solvent cleaning. All surfaces to be coated should be clean, dry and free from contamination.

Abrasive Blast Cleaning

Abrasive blast clean to Sa2½ (GB/T 8923.1-2011). If oxidation has occurred between blasting and application of 725-H06-21, 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.

Mechanical Cleaning

The areas to be repaired should be cleaned to P St3 (GB/T 8923.2-2008) by mechanical method.

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 10°C.
- 2) 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%.
- 3) 725-H06-21 Part A may cause some gas when the component was storage at high temperatures. Care should be taken when opening containers.
- 4) 725-H06-21 will react with acid or alkali solutions.
- 5) The dry time and overcoating interval may change according to the environment factors.
- 6) 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.