Thick epoxy coal tar high-duty anticorrosive coating-Black

Product Description:

- Model:725-H44-85
- A two pack epoxy coal-tar heavy-duty anticorrosive coating and it is characterized by good adhesion and excellent resistance to chemicals, water and corrosion.
- VOC less than 250g/L

Intended Uses:

- For use in PCCP heavy-duty anticorrosion.
- For steel ortidal range zone of concrete stakes heavy-duty anticorrosion.
- For interior wall of steel pipes and concrete of Sewage treatment works, power plants and chemical plants etc. heavy-duty anticorrosion.

Product Information:

Volume Solids:75%±2%	Finish/Sheen： Gloss
Typical Film Thickness	500microns dry (667microns wet)
Theoretical Coverage(m2/L)	1.5m^2/L at typical film thickness
Mix Ratio: 7:1(volume)9:1(weight)	
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 only in exceptional circumstances (volume 5%).
Cleaner	HX-501
Induction Period	Not necessary

Drying Information:

	-5℃	5℃	25℃	35℃
Touch Dry	4h	2h	1h	45min
Hard Dry	48h	36h	20h	10h
Pot Life	4h	2h	1h	40min

Overcoating Data:

	-5℃	5℃	25℃	35℃
Overcoated by	Min Max	Min Max	Min Max	Min Max
725-H44-85	48h 14d	36h 10d	20h 7d	10h 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: 22.5kg/18L in 20 L container
Part B: 27kg/18L in 20L container

Flash Point:

Part A: Greater than 31℃
Part B: Greater than 31℃

Mixed pant: Greater than 31℃

Systems and Compatibility:

Consult your sales 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.

Steel

1) Remove weld spatter and smooth weld seams and sharp edges. The surfaces should be blast cleaned to Sa2.5（GB/T 8923.1-2011）.The weld seams areas could be cleaned to St3（GB/T 8923.1-2011）using power tool.
2) Apply 725-H44-85 before oxidation occurs. If oxidation has occurred, the entire oxidized area should be reblasted to the standard specified above.

Concrete

1) Remove loose powder of the cement, attached organisms, mud, oil or grease and other foreign matter thoroughly.
2) The surface can be abrade by blasting or using power tool to remove loose powder, attached organisms, mud etc. and oil can be cleaned by scour.

Repair/Maintenance

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:

1) 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%.
2) In common with all epoxy base coatings, 725-H44-85 will exhibit chalking of the firm on UV exposure.
3) 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.