

725-BS43-91 Recoatable polyurethane finish

Product Description:

- Model:725-BS43-91

-A two pack polyurethane finish giving excellent durability and long term recoatability

-VOC less than 390g/L

Intended Uses:

-A tough cosmetic finish.

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

-For protection of concrete surface.

Product Information:

Volume Solids:60%±2%		Finish/Sheen: Gloss		
Film Thickness and Theoretical Coverage		Min	Typical	Max
	Dryfilm Thickness(μm)	30	40	80
	Wetfilm Thickness(μm)	50	67	133
	Theoretical Coverage (m ² /L)	20	15	7.5
Mix Ratio: 5.7:1(volume)7.5:1(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-BX-28		
Induction Period		Not required		

Drying Information:

	-5℃	5℃	15℃	25℃	35℃
Touch Dry	4h	1h	1.5h	40min	30min
Hard Dry	48h	24h	20h	8h	6h
Pot Life	8h	6h	5h	4h	4h

Overcoating Data:

	-5℃	5℃	15℃	25℃	35℃
Overcoated by	Min Max	Min Max	Min Max	Min Max	Min Max
725-BS43-91	48h /	24h /	24h /	8h /	6h /

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: 22.5kg/17L in 20 L container

Part B: 3.0kg/3L in 6L 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 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-BS43-91 should be applied over a recommended primer coating scheme. The primer surface should be dry free from all contamination and 725-BS43-91 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 patch primed prior to the application of 725-BS43-91.

Repair

725-BS43-91 may be applied directly over aged 725-BS43-91 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 is not recommended for use in immersed conditions.
- 2) When applying 725-BS43-91 by brush or roller, for some colors, Two coats of 725-BS43-91 may be required to give uniform coverage, especially when applying 725-BS43-91 over dark undercoats.
- 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.