

BCI FLEXI-TANK 6383

Product Description:-

BCI FLEXI-TANK 6383 is a two component, solvent free epoxy paint, based on advanced epoxy-polysulfide hybrid technology, chemical resistant tank lining coating, specially developed for protecting concrete and steel tanks from aggressive chemicals, oils, mild acids, solvents, fuels, sea water and sewages

Key application areas:

Protective coating for silos and storage tanks containing sewage, sludge, chemicals, oils, and fuel. Flooring for warehouses, food processing area, chemical laboratories, oil refineries, garages, etc. It can be used on roofs as a waterproofing.

Characteristics:

- Excellent resistance to chemicals, alkali, sewage water, sea water.
- Solvent free, non-toxic and flexible coating.
- Resistance to UV.
- Crack bridging ability

Pre-Cleaning:

Remove all visible surface deposits such as grease, oils and soils with suitable detergent. Remove salt and other contaminants by washing using high pressure fresh water. Where necessary, work to remedy or alleviate design or fabrication defects such as weld spatter, and where required smooth weld seams and sharp edges before abrasive blasting.

New Steel:

Refer to pre-cleaning, the surface must be prepared according to Sa2½ (NACENo.2/SSPC-SP10) or Sa2 (NACENo.3/SSPC-SP6) when used as a primer.

Concrete:

Remove all visible surface deposits such as grease, oils and soils by either steam or cleaning with detergents or chemicals. Abrasive blast cleaning to (NACE No.6/ SSPC-SP 13) will provide roughened and will remove laitance. Abrasive blasting also opens holes and voids so they can be sealed more effectively



Maintenance:

Refer to pre-cleaning, remove damaged areas using power tool cleaning to St2 (SSPC-SP3) or by abrasive blasting to Sa2 (NACENo.3/SSPC-SP6), but Sa2½ (NACENo.2/SSPC-SP10) is preferable. As an alternative; use water jetting to WJ-2 (NACENo.5/SSPC-SP12).

Application Condition:

- Temperature during application should be more than (5°C).
- Surface temperature: at least (3°C) above dew point.
- Relative humidity: maximum 85%. In confined are as good ventilation is required during application and drying.

Physical Constants:

Finish :	Gloss	
Color:	Light Grey	
Vollum solid	100%	ASTM D2697
Viscosity	128 KU @ 30 +-2'C	ASTM D562
Specific Gravity:	1.30 (mixed paint)	ASTM D1475
DFT:	300 u each coat	
Theoretical Spreading Rate	3.33 m2/ ltr a@300 _ DFT	
VOC Value	0_0 g/L_	

Thinner: Not recommended:

• Application Method	Airless Spray	Air Spray	Brush/Roller
• Thinning (by volume)*	(0)%	N/A	N/A
• Nozzle Orifice	21to23thou	N/A	N/A
• Nozzle Pressure	4700psi	N/A	N/A
• Spray Angle	40-60°	N/A	N/A



Note:

All records given in the table are typical at: recommended film thickness, good ventilation and one coat system. *The surface should be dry and clean prior to application. The best time to recoat is before previous coat is cured. If this time is exceeded, the surface may need to be roughened slightly.

Packing:

Packed in:	Base	Hardener
Drum	14.5Ltr	: 3.5Ltr.
Gallon	2.9Ltr	: 0.7 Ltr.

Shelf Life & Storage:

Shelf life: 12 months @ 25°C.

Storage: The container should be kept in sealed, dry, cool, Well ventilated place and stored in accordance with national regulations.

Handling and Safety:

- Cleanup: Use BCI Thinner 843 for tools cleaning and in case of spillage, absorb and dispose.
- Handling: Handle with care. Stir very well before use.
- Health and Safety: Please read and follow the precautionary notices displayed on the container, and all caution statements on the MSDS of this product. During application of paint, contact of liquid paint with eyes, skin, inhalation of paint mist and paint vapor should be strongly avoided. For spray application systems; applicator should wear protective clothing, gloves, also eye, skin and respiratory protection are always recommended. Keep away from reach of children.
- Ventilation: When used in enclosed areas, thorough air circulation must be used during and after application until the coating is cured. In addition, respirators must be used by all applicator.
- Caution: This product contains flammable solvents, keep away from sparks and open flame. For information on LEL and TLV, please read the MSDS.
- Environmental safety: Please donate the left over paint and packaging to your local authorized institution for usage or recycling purpose.
- Notes: Wastes and empty containers should be disposed of in accordance with local regulations made under the Control of Pollution Act and the Environmental Protection Act.

Building Chemistry Industry

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