

FO-POXY (SP-FLR)

OVERVIEW :

An epoxy based corrosion proof floor coating with excellent chemical resistance. It protects the Industrial structures from Chemical attacks and normal wear providing a smooth glossy finish to the structure. It has a good bondage with metals as well as concrete. The mechanical properties of the surface are increased in multifold preventing cracks, pitting and peeling.

APPLICATIONS:

- Prevention against acidic spilages in chemical industries.
- Chemical resistant coating in chemical industries on pump beds, RCC foundation, concrete floorings, etc.
- To fill the pits and cracks in existing foundation thus regaining their mechanical strength , increasing their thickness and providing an impervious chemical proof coating thus extending its life considerably.

CHEMICAL RESISTANCE :

Has a good chemical resistance with hydrochloric acid, sulphuric acid, methanol, lubricating oil, caustic soda, mineral spirit, chlorinated solvent, petrochemicals, and with most of the other chemicals.

PROPERTIES :

Compressive Strength	(kgs/cm ²)	[ASTM- D- 695 - 54]	: 1300
Adhesive Shear Strength	(kgs/cm ²)	[ASTM- D- 1002]	: 175
Flexural Strength	(kgs/cm ²)	[ASTM- D- 790 - 49 T]	: 925
Hardness	Shores 'D'		: 85
Withstanding Temperature (°C)			: 150
Withstanding Pressure	(kgs/ cm ²)		: 150
Pot Life			: 40 mins.
Curing Time			: 6 Hrs.
Full Functional Strength Curing			: 60 hrs.

MANUFACTURED BY :

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