

FLOPOXY-801

HEAVY DUTY EPOXY FLOOR COATING



the complete construction solution

DESCRIPTION:

Floropoxy-801 is a **heavy duty**, self-smoothing, epoxy resin floor coating. It is usually applied on most surfaces where heavy traffic exists. It provides a smooth and glossy look and is waterproof, dust proof and has excellent chemical resistance. It has excellent abrasion resistance and scratch hardness.

ADVANTAGES:

- ✓ Easy to use
- ✓ Resistant to oil, grease, petrol, ink etc.
- ✓ Provides tremendous abrasion and impact resistance
- ✓ It is resistant to dirt, dust and other environmental pollutants
- ✓ Available in various shades
- ✓ Gives seamless look to floor
- ✓ Easy to maintain

AREAS OF APPLICATION:

Floropoxy-801 can be used on concrete surfaces where heavy traffic exists. It is used in places where dust-free and hygienic conditions are required. It is recommended for pharmaceutical and electronic factories, operation theatres, dairies etc where hygiene is a key

factor. Also it can be applied in pre-fabricated homes, containers, tank farms, fisheries, sports centres, spas, food and drink industries, warehouses etc.

SPECIFICATIONS:

Colour	Available in various shades
Finish	Smooth & Glossy
System	Two component (Resin: Hardener, 88:12 by weight)
Drying time	
Surface Dry	2-3 Hours
Hard Dry	8-10 Hours
Full cure	7 days
Pot Life @ 30°C	4-6 Hours
Recommended Coats	2
Application	1 st coat by brush/2 nd coat by roller
Scratch Hardness	Excellent
Heat Resistance	120°C- 140°C
Cold Resistance	Sub Zero Temp
Coverage	60-65 sq.ft./kg/coat
Flash Point	Above 30°C
Bond Strength	4.8 N/mm ²
Flexure Strength	29.5 N/mm ²
Tensile Strength	12.8 N/mm ²
Water Absorption	Nil
Abrasion Resistance	16.4 mg wt. Loss 1000 c/s, 1kg, CS-17 Wheel
Sulphuric Acid 30%, Nitric Acid 2%, Phosphoric Acid 10%, Hydrochloric Acid, Toluene and Xylene, Petrol, Sodium Hydroxide 50%, oil and greases	Passes under BIS 9162-1979, No Blistering/Delamination

PREPARATION:

New concrete surfaces should be cured for 28 days prior to coating. Old/Existing surfaces should be clean, firm and dry. All laitance curing membranes/coatings should be removed. The surface should be free from dust, loose dirt, oil, grease, etc., and leveled. All pot holes, uneven surfaces, cracks; crevices should be repaired with **Ready Repair Mortar**. Very oily surfaces should be chemically cleaned with **Sparklean** and then rinsed thoroughly and allowed to dry thoroughly before applying primer coat.

METHOD OF APPLICATION:

Once the surface is prepared as per the instructions, the surface should be primed with primer coat of **EPOXYBOND-600** which is supplied in two packs, Resin & Hardener. Stir the individual contents and mix them thoroughly before use. Same method is to be adopted for **FLOROPOXY-801**. Allow primer to dry for about 2 hours and then commence applying the first coat of **FLOROPOXY-801** followed by second and subsequent coats to be applied within 2 -3 hours interval between each coat. Intercoating interval should not exceed more than 8 hours. For very high gloss, final coat **HIGHGLOSS-XL** is recommended to be used as a topcoat.

CLEANING OF TOOLS:

Clean hands tool etc. with **EPOXYTHIN**. The use of barrier cream is also recommended.

SAFETY PRECAUTIONS:

Keep away from naked flames/lights. Do not smoke near application area. Protective gear such as gloves and goggles should be worn when handling the product. Treat any splashes to the skin or eyes with fresh water immediately. Should the product be accidentally swallowed, do not encourage vomiting, but call for immediate medical assistance. Ensure that the container is available for medical attendant to examine any relevant instructions and content details.

PACKING:

Available in 5 & 25 Kgs.

WARRANTY CLAUSE: *The product incorporated and sold is without Warranty expressed or implied, including warranty of Merchantability and fitness for use of this material and upon condition that purchaser shall make the own test to determine the suitability and quality of such products for their particular purpose. The user assumes all risks of use and handling, whether or not in accordance with any statement of the supplier. Supplier's liability if any, for any action arising out of the material being supplied shall be limited to only replacement of material.*

