



EFC-110

EPOXY FLOOR COATINGS

SCOPE

EFC-110 epoxy industrial floor coatings are recommended for Industrial floors, where top coating thickness required is less, these are basically roller applied floor coatings., where the need is for floor coating to stand high impact, abrasion, having strong adhesion with surface. It is an excellent system for industrial floors, which are exposed to spillage of oils, lubricants and other chemicals etc.

EFC-110 coatings are also ideal protection for shop floors where heavy movement is not there.

SURFACE PREPARATION

Make the surface absolutely free from dust particles and other loose material in the form of sand, cement, aggregate etc. with the use of manual/mechanical tools viz. Wire brushes, Scrappers and even chip off loose solid material, if any, clean-up the whole surface thoroughly and achieve firm and hard surface.

If there is any existing old paint/coating on the floor, remove it thoroughly with the help of mechanical tools, scrubbing and if required by use of paint remover etc. or by the most severe method of sand or grit blasting or by Acid etching (Hydrochloric-10% sol.).

Achieve the original surface for better results and the surface should be clean & dry before coating.
Similarly, remove all the other contaminants, oil, grease etc.

PHYSICAL PROPERTIES		CHEMICAL PROPERTIES	
Color Shade	: Any Color/ As Per Shade Card.	Water Vapor Permeability	: Resistant
Type	: Two Pack System Resin (Base)+ Hardner. (Cold Curing)	Humidity Condensation 95% Rh From 42° C To 49° C	
Mixing Ratio	: 4:1 Or As Per Directions On - Containers.	Heat/Light Color Shade Change	: Resistant/ No Discoloring
Composition	: Epoxy	Water (Hot/Cold), Sea Water, Distilled Water	: Resistant
Pot Life	: 20-30 Minutes.	Common Salt 5% To Saturated	: Resistant
Shelf Life	: 12 Months Sealed Containers.	Alkali Caustic Soda 5% Saturated	: Resistant
Application	: Roller/Spray/ Brush	Inorganic Acids, Sprit, Alcohol, Petroleum, Oils & Fuel	: Resistant
Drying Time	: Touch Dry = 2-3 Hrs. Hard Dry = 12 Hrs. Full Cure = 24 Hrs.	Urea, Organic Acids	: Resistant
Overcoating Interval	: 6-8 Hrs.	Industrial Affluent	: Resistant
Flash Point	: 30° C		
Solvent	: Tn-1		
Finish	: Glossy/ Matt To Choose.		
Coverage	: 6 Sq. Mt. Per Coat.		
Dry Film Thickness	: 80 - 100 Microns / Coat.		

NOTES

1. Do not apply during rain fog or mist.
2. Avoid application in environment of flowing dust.
3. Smoking or naked lights should not be permitted.
4. Use gloves and masks when applying wash hand and face regularly with hot water and soap.
5. Brushes and spray equipment should be cleaned with PU thinner, otherwise equipment is liable to be damaged. dip brushes and spray equipment in "thinner during stop-gaps in application.
6. After mixing thoroughly component "Base(Resin)+ Hardner" in suggested ratio, the mixture should be allowed to mature for 5- minutes before being used.

PRECAUTIONS

1. Keep the container closed after each withdrawal of material.
2. Unused drawn material should never be put back into containers.
3. Keep the container in a dry place and away from moisture and flame.

Disclaimer:-

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Marketed by:-

Balaji High -Tech Polymers Marketing Division
D-40, 1 St floor, Acharya Niketan,
Mayur Vihar Phase-1,
Delhi-110091
PH-22794140,
Tel. Fax - 22794546
Email: - info@balajionline.net
Website: www.balajihightechpolymers.com