

## PFC-10

### POLY- URETHANE FLOOR COATING.

#### SCOPE

PFC-10 Poly-urethane industrial floor coatings are recommended for Industrial floors, where dust is not desired at all. 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 oil, lubricants and other chemicals, acid etc. This is roller applied thin coating. PFC-10 polyurethane Industrial floor Coating is recommended where chemical resistance is required, or where the other coatings fail due to alkalinity or due to acidic effect.

#### 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.) if possible.

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 Pbw Or As Per Directions On - Containers.	Heat/Light Color Shade Change	: Resistant/ No Discoloring
Composition	: Poly-Urethane.	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 & Fule	: Resistant
Drying Time	: Touch Dry = 2-3 Hrs. Hard Dry = 12 Hrs. Full Cure = 24 Hrs.	Urea, Organic Acids Industrial Affluent	: Resistant
Overcoating Interval	: 6-8 Hrs.		
Flash Point	: 30° C		
Solvent	: Tn-1		
Finish	: Glossy/ Matt To Choose.		
Coverage Dry Film	: 6 Sq. Mt. Per Coat.		
Thickness	: 80 - 100 Microns / Coat.		
Packing Size:-	: 15 KG.		

## 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:-

The information contained within this data sheet is based on information believed to be reliable at the time of its preparation. The Company will not be liable for loss or damage howsoever caused including liability for negligence which may be suffered by the user of the data contained here in. It is the users' responsibility to conduct all necessary tests to confirm the suitability of any product or system for their intended use. No guarantee of results is implied since conditions of use are beyond our control.

### 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