



## **FREDA 2030 TWO COAT EPOXY FLOOR SYSTEM**

### **DESCRIPTION:**

The Freda 2030 system provides an economical floor protection solution with a high build 30 mil epoxy coating system. 2030 is ideal for light to medium traffic on new or existing concrete that is in good condition. Freda 2030 provides a long lasting 100% solids epoxy primer and topcoat that has excellent chemical resistance, high gloss, and excellent cleanability.

### **MATERIAL SPECIFICATION:**

- Preparation: Surface to be coated must be clean, dry and mechanically shot blasted.
- Primer: Freda FC-1100 @ 160 square feet per gallon. (10 mils)
- Topcoat: Freda FC-2100 @ 80 square feet per gallon (20 mils)

### **USES:**

The Freda 2030 system is best suited for manufacturing aisleways and assembly areas that are either new or in like new condition. Concrete must be cured for a minimum of 30 days before applying the 2030 system. The 2030 system provides a smooth, high gloss finish that is abrasion and impact resistant.

### **GENERAL PRODUCT INFORMATION:**

Packaging: Topcoat 3 Gallon Kits, 5 Gallon Pails, and 50 Gallon Drums  
Primer 4 Gallon Kits, 5 Gallon Pails, and 50 Gallon Drums

Colors: All standard Freda colors

Application: Refer to the Freda 2030 Application Bulletin

### **TECHNICAL SPECIFICATIONS:**

<u>Type Test</u>	<u>Method</u>	<u>Result</u>
Tensile Strength	ASTM D-638	3,500 psi
Tensile Elongation	ASTM D-638	5%
Bond Strength to Concrete	D-4541	400 psi, concrete failure
Hardness (Shore D)	ASTM D-2240	80-85
Abrasion Resistance	ASTM D-4060	35 mg loss
CS 17 wheel, 1000 gm. Load 1000 cycles		
V.O.C.		0 lbs. Per gallon
Cure Schedule		Light traffic: 12 hours Heavy traffic: 24 hours

Please read and understand Freda Inc. statement of warranty and Material Safety Data Sheets before using this product.

## **FREDA 2030**

### **2 COAT EPOXY FLOOR SYSTEM**

#### *SURFACE PREPARATION:*

Surface must be clean, sound, dry and perfectly free of curing compounds, oil, grease and any other contaminants. A surface profile should be achieved by using a mechanical shot blast system utilizing 230 steel shot , use a magnetic broom to remove all shot from floor when blasting is complete

#### *PRIMING:*

Entire surface that is to be coated must receive a coat of Freda FC-1100 epoxy binder.

- Mix Ratio: 1A:1 B ( mechanically mix for 2 minutes )
- Application Method: Flat edged Squeegee apply at a spread rate of 160 sq.ft per gallon
- Cure Schedule: Minimum: 8 hours @ 72° F, 50% RH  
Maximum: 24 hours @ 72° F, 50% RH

#### *CRACK AND JOINT REPAIR:*

- When primer has cured, fill all cracks and voids with Freda CF-100 epoxy patching compound.
- If required, fill joints with Freda JS -200 joint filling compound.

#### *TOPCOAT:*

Smooth Finish: Apply topcoat of FC-2100 with a notched or flat squeegee, and backroll with a 1/4" nap mohair roller to achieve a uniform finish.