

Floropoxy System 8000 Water-Based Epoxy

Product Description: Floropoxy System 8000 water-borne epoxy high gloss and low odor. Floropoxy 8000 is moisture tolerant when used as a stand alone two coat system. Its durability and easy maintenance makes floors easier to clean and prevents concrete dusting. This epoxy is the ideal topcoat for slurry, mortar and decorative systems.

Typical Uses: Ideally suited as a two coat, stand alone system or as a topcoat in commercial, industrial and light institutional applications, such as:

- Auditoriums
- Garages
- Warehouses
- Manufacturing plants
- Clean rooms
- Storage Areas
- Correctional

Product Advantages:

- Fast curing
- Easy to Use
- Low odor
- Moisture tolerant, breathable
- Re-Coatable
- Meets U.S.D.A requirements
- A variety of colors can be achieved with the addition of Florock 100% Solids Colorants

Packaging

15 Gal Pail Set

Cured Physical Properties		
Property	Test Method	Results
Abrasion Resistance, Taber Abrader CS 17 Wheel, 1000 gm load, 1000 cycles	ASTM D4060	68 mg Loss
Flame Spread	ASTM E84	7.1 Fire Class A
Bond Strength	ASTM D454	>400 PSI
Gloss, 60°	ASTM E97	70-80

Storage: All containers should be stored at 40° F to 95° F, kept tightly sealed and out of direct sunlight.

Coverage: Apply Floropoxy System 8000 at approx. 300-400 SF/gallon. Use a 3/8" high quality, mohair type, roller cover.

Surface Preparation: New concrete must have a 28 day cure, and preferably a broom swept finish, prior to coating. In the case of older concrete flooring, remove all surface oils, paint, dust and debris. Prior to coating, make sure the surface is clean, passes the MVT test and the water drop test and that all surface defects have been repaired. Refer to the Florock "Preparation of Concrete" datasheet for more information on preparation and MVT before proceeding.

Note: Floropoxy should not be applied when floor temperature is above 90° F or below 55° F, or when within 5° F of the dew point.

Typical Application: Two coats applied over properly prepared concrete.

1. 1st Coat: Premix Part B before combining with Part A. In a clean, dry container, blend 1 part A by volume of resin Part A with 2 parts by volume Part B activator.

Mix slowly and thoroughly for 3 to 5 minutes using a low speed mechanical mixer. Transfer the mixture from the batch container to a transport container, remix and pour entire contents from transport container onto the floor immediately. Using a 3/8" high quality, mohair type, roller cover, spread at 300-400 SF/gallon. Note: This product is designed to be applied thin. Do not use this product to "fill" or "level" any surface imperfections. Any build –up in excess of 8 mils wet film thickness will not allow this system to cure properly. Apply the second coat within 24 hours of the first coat.

The second coat can be applied within 2 hours of first application, by using a wet on wet application method.

2. 2nd Coat: Repeat step #1. Allow a minimum of 24-36 hours cure time before opening floor to light traffic. For complete chemical resistance, allow a 7 day cure.

For field tinting Floropoxy: Blend 1 gallon clear epoxy Part A with 2 gallons activator Part B and add 1 or 2 quarts of Florock 100% colorant (consult your Florock Rep. to decide which amount of colorant is best for your application). Tint both coats.

Liquid Physical Properties			
Property	Test Method	M0-076 Component A	U0-176 Component B
Viscosity	ASTM D2196	1200	400
Flash Point	ASTM D3278	>200	>200
Weight Per Gallon	ASTM D1475	9.15	8.77
N.V.W.	ASTM D2369	100	32.5
N.V.V.	ASTM D1259	100	29.4

Blended Components	
Blended Ratio A&B	1:2
Blended Solids	55.5
Pot Life (15 lb. mass)*	30 minutes
Curing Time, 70° F @ 50% RH	
Minimum Recoat	2 hour
Maximum Recoat	24 hours
Foot Traffic	24 hours
Floor & Air Temp. Limitation**	55 °F- 90 °F
Blended Viscosity, ASTM D2196	1100
Recommended Clean Up	Soap & Water (while wet)
VOC, ASTM D3960	3.6 gpl

Instructions for Use over Existing Coatings: Examine the existing coating to ensure that it is well bonded to the concrete. Any loose coating must be completely removed. The surface must be free of all dirt, oils, or other contaminants. After the floor has completely dried, sand the existing coating until a powdery residue is evident and all gloss is good removed. Sweep or vacuum clean, and wipe with Florobase Thinner to ensure adhesion of the new System.

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Please read material safety data before using product.

DISCLAIMER:

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