

**PRODUCT INFORMATION SHEET**  
**FIBERCOAT SYSTEM**  
 Top Coat System

**DESCRIPTION:**

Fibercoat is a two-component, ceramic fiber reinforced, high build coating system. It is designed for walls, ceilings, columns, and other surfaces subject to chemical exposure. Fibercoat is a high film build system with excellent adhesion to concrete or steel.

**ADVANTAGES:**

- Easy To Clean – U.S.D.A. acceptable
- Low Odor
- High Film Build Capability
- Low Moisture Permeability
- Quick Cure, Low Down Time

**USES:**

- Walls, Ceilings, Columns
- Interior And Exterior Of Tanks
- Curbs And Pump Pads
- Equipment Coating
- Structural Steel

**SUPPLEMENTAL PRODUCTS:**

- EPOFIL - Masonry Filler / Sealer
- PF&L Epoxy Flooring Systems
- PF&L Epoxy Lining Systems

**PACKAGING AND COVERAGE:**

**Fibercoat – 1 gallon kit** – covers approximately 100 square feet at 15 mils and consists of the following -  
 1 container - Part A – (pigmented resin)  
 1 container - Part B – (hardener)

Larger Kits Also Available

12-15 mils DFT, applied in two coats, is recommended for most service conditions.

**PROPERTIES:**

<b>Compressive Strength</b>	11,500 psi ASTM C-579 (resin)
<b>Tensile Strength</b>	2,300 psi ASTM C-307 (resin)
<b>Bond Strength (on Steel)</b>	3500 psi
<b>Impact Strength</b>	100 in./lbs.
<b>Indentation</b>	No indentation MIL-D-3134F
<b>Abrasion Resistance</b>	75 milligrams ASTM D-1044
<b>Working Time at 75°F (24°C)</b>	Up to 1 hour ASTM C-308
<b>Maximum Temperatures</b>	Wet Exposure 160°F Dry Heat 250°F
<b>Shelf Life</b>	1 year
<b>Color</b>	White, Gray
<b>Solids by Content</b>	By Weight 100% By Volume 100%

### **SURFACE PREPARATION:**

FIBERCOAT may be installed only on clean, sound substrates

Concrete:

New concrete must be cured a minimum of 28 days. All coatings, oils, grease and unsound concrete must be removed. Concrete surfaces must then be acid etched, scarified or shot blasted to remove surface laitance. A good bonding tooth, the texture of 60 grit sandpaper, is desired for maximum adhesion, with removal of all surface glaze. To minimize voids in the Fibercoat topcoat, use two coats of Epofil to fill and seal the concrete surface.

Metal Surfaces:

Blast the surface to near white SSPC-SP10-70 or NACE No. 2 using a Venturi blast nozzle with 100 psi air. The blasting media used shall be properly graded, clean, sharp, angular abrasive similar to Humble Abrasive Flint #7 (6-30) mesh, or Steel Grit (HG25).

### **MIXING:**

Prior to starting, materials should be stored at 70°F (21°C) for at least 48 hours.

Add Part B into the Part A. Using a jiffy type mixer or equivalent, mix the system for approximately two minutes or until the color is uniform. The mixed system has an approximate 30 minute pot-life at 75°F.

**\*Product may be thinned up to 10% with MEK to improve application properties.**

### **APPLICATION:**

For best results, substrate temperature should be maintained at 65°-85°F (18° - 29°C) for 7 days for complete cure. Do not apply if surface temperature is below 60°F (16°C).

**Fibercoat can be applied by spray, brush, or roller.**

**Spray:** Use a Graco King 45 to 1 Hydrospray pump, Model 208-311. The pump assembly consists of an air regulator, high pressure manifold, airless oiler and dump valve. Also needed is a high pressure 3/4 inch I. D. nylon hose not to exceed 25 feet and a special "stipple" flow gun and #208-663 pistol grip gun, a reverse-a-clean body and assorted tip sizes. All hoses shall be rated at 6000 psi. Inlet pressure to the pump shall be 100 psi. No screens, filters, or surge tanks shall be used.

**Brush:** A high quality natural bristle brush set in rubber should be used.

**Roller:** Use a 3/8" nap roller with phenolic core.

Minimum recoat times are as follows:

12 hours at 60°F/10°C

4 hours at 75°F/24°C

2 hours at 90°F/32°C.

### **CURE TIME:**

Fibercoat will harden in 10-14 hours for foot traffic and cure for chemical exposure in 7 days at 75°F (24°C).

### **CLEANUP:**

Cured or hardened Fibercoat will bond to practically all surfaces and is extremely difficult to remove. Clean all tools and mixer immediately after use with acetone or other solvent based cleaners.

### **SAFETY:**

Avoid skin contact. If eye contact occurs, flush with water and consult a physician immediately. Keep work areas well ventilated. Never seal a container of mixed Part A and B as the continuing exothermic reaction may cause container to explode. Fibercoat Material Safety Data Sheets are available upon request.

### **IMPORTANT NOTICE TO PURCHASER:**

**The following is made in lieu of all warranties, expressed or implied. Seller and manufacturer's only obligation shall be to replace such quantities of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential arising out of the use of or inability to use the product. Before using, user shall determine the suitability of the product for his intended use, and user assumes all risks and liability whatsoever in connection therewith. The foregoing may not be altered unless written authorization is received from PROTECTIVE FLOORINGS AND LININGS, A DIVISION OF A. W. CHESTERTON.**

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