Florock®

EXCELLENCE IN POLYMER FLOORING

FloroWall

Sanitary Epoxy Wall Coating System

Product Description: FloroWall is a high performance, colorfast epoxy wall coating system that provides an attractive, yet tough, abrasion and chemical resistant surface. May be installed with the addition of chopped fiberglass or sheets for extra impact resistance. Protects interior walls and helps maintain facility hygiene. Applied in multiple layers, this zero V.O.C., low odor system results in a seamless "tile-like glaze" finish

Typical Uses, Applications: Ideally suited as a primer or midcoat in commercial, industrial and institutional applications, such as:

- Hospitals, clinics
- Food processing plants
- Schools and universities
- Detention and public safety buildings
- Warehouses and logistics operations
- Manufacturing plants
- Aviation and transportation facilities
- Hospitality and restaurants
- Grocery stores and retail establishments

Product Advantages:

- Non-porous, seamless, jointless
- Color stable white or custom colors*
- Easy to clean and sanitize
- Design and installation options
- USDA, FDA, EPA, OSHA and ADA compliant
- Can contribute to LEED Green Building Credits

* Special colors are available in minimum batch quantities. Please see your Florock Specialist for details.

Packaging:
The color stable FloroWall White System may include one or more of the following--

- Primer: FloroPoxy 4700
- Mid/Topcoats: FloroPoxy 48 Series or 49 Series
- Optional Finish Coat: FloroThane or FloroWear

Cured Physical Properties		
Blended Components	**Test Method**	**Pigmented 48 Series Resin with U0-161 Hardener**
Blending Ratio	By Volume	3:1
Pot Life*	70º F	30 Minutes
Blended Viscosity	ASTM D2196	Varies
Sag	ASTM D4400	7
Sward Hardness	ASTM 2240	70
Abrasion Resistance, Taber Abrader CS-17 Wheel, 1000 gm load, 1000 cycles	ASTM D4060	67 mg loss
Impact Without Fiberglass – Forward	ASTM G14	Passes 25 in.-lbs.
Elongation	ASTM D2370	5%
Shore Hardness, A/D	ASTM D2240	100/75

* Pot Life will be shorter with warmer slab, material temperatures.

Coverage: Apply FloroWall at 100-160 SF/gallon, depending on surface.

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

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.

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Surface Preparation: FloroWall should be applied to firm, clean and dry substrates. Irregular surfaces, such as concrete block, usually require a skim trowel foundation. FloroWall may be installed over existing, well-adhered coatings that are properly prepared. A test patch should be approved prior to installation and used as the job standard.

Installation on New Substrates:
1. Ensure wall is firm, clean and dry. If block filler is required, apply as directed and allow to fully cure prior to proceeding.

2. Prime wall using FloroPoxy 4700. In a clean, dry container, blend 6 Parts 4700 Component A (M0-072) with 2 Parts Component B (U0-144) and appropriate amount White Florock Colorant by volume (see Florock Colorant Usage Chart or consult with Florock Rep for assistance). Blend only the quantity that can be applied within 30 minutes. Mix well, using a low speed mechanical mixer.

3. Apply the blended primer to the substrate at 160-200 SF/gallon to achieve 8-10 mils, using a short-nap roller. Once primer is cured, sand surface lightly to even out any surface projections.

4. Apply first coat of FloroPoxy 4805, 4860 or 4865. In a clean, dry container, blend 6 Parts 4805, 4860 or 4865 Component A with 2 Parts Component B (U0-161) and appropriate amount White Florock Colorant by volume (see Florock Colorant Usage Chart or consult with Florock Rep for assistance). Blend only the quantity that can be applied within 30 minutes. Mix well, using a low speed mechanical mixer. Apply the blended liquid to the substrate at 120 SF/gallon to achieve 14 mils, using a short-nap roller.

5. Lightly sand freshly cured FloroPoxy 4805, 4860 or 4865 to even out any surface projections. Apply second coat of 4805, 4860 or 4865 as outlined in Step 4 above.

6. An optional finish coat of FloroThane MC or MC/HT may be applied for additional chemical and abrasion resistance. See product data sheets for details.

Chemical Resistance	
Reagent	**Spot Test Results**
JP 4 Jet Fuel	1
Ammonia	1
Sodium Chloride 20%	1
Citric Acid 10%	1
Sulfuric Acid 10%	1
Sulfuric Acid 25%	2
Nitric Acid 10%	1
Hydrochloric Acid 10%	1
Sugar Solution 10%	1
Lactic Acid 10%	3
Mineral Spirits	1
Tincture of Iodine	1, S
Water	1

Rating Scale: Spot Test, ASTM D1308
Pencil Hardness Test, ASTM D3363
1 – No change in pencil hardness
2 – 1 Unit change in pencil hardness
3 – 2 Units change in pencil hardness
4 – 3 Units change in pencil hardness
D – Destroyed
S – Stains

Please read safety data before using product.

DISCLAIMER:
All statements and recommendations above are based on experience we believe to be reliable. The use or application of these products being beyond the control of the Seller or Manufacturer, neither Seller nor Manufacturer make any warranty, expressed or implied, as to results or hazard from its use. The suitability, risk and liability of a product for an intended use shall be solely up to the User.

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