

Floropoxy 4810 Sani-Rock Hi Build Protective Wall System

Product Description: Floropoxy 4810 is a high performance, colorfast wall system that provides an attractive, yet tough, abrasion and chemical resistant surface. Applied in multiple layers, this VOC-compliant, low odor system results in a jointless “tile-like” finish.

Typical Uses, Applications: Floropoxy 4810 is ideal for any situation where a non-porous, sanitary interior wall surface is the priority. Typical applications include:

- Bakeries
- Pharmaceutical Plant “Clean Rooms”
- Electronic Research Laboratories
- Correctional Facilities.

Packaging:

- Floropoxy 4810 Sani-Rock
Colorfast White:
4 gallon OverPack

Note: Special colors are available in minimum batch quantities. Please see your Florock Representative for details.

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

Coverage:

Apply Floropoxy 4810 Sani-Rock at 100 - 160 SF/gallon depending on surface.

Surface Preparation: Floropoxy 4810 should be applied to firm, clean and dry substrates. Irregular surfaces, such as concrete block, usually require a skim trowel foundation. This system 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.

Physical Properties		
Blended Components	Test Method	M1-077 / U0-105
Blending Ratio	Volume	3:1
Pot Life		30 minutes @ 70°F
Blended Viscosity	ASTM D2196	103 KU
Sag	ASTM D4400	7
Sward Hardness	ASTM D2240	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 inch lbs
Tensile Strength	ASTM D2370	1768 PSI
Elongation	ASTM D2370	5%
Shore Hardness, A / D	ASTM D2240	100 / 75

Note: Floropoxy 4810 should never be applied when the wall or air temperature is above 90° F or below 55° F, or when the temperature is at or above the dew point.

Instructions for Use 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. In a clean, dry container, blend 3 Parts 4810 SANI-ROCK Component A (M1-077) with 1 Part Component B (U0-105) by volume. Blend only the quantity that can be applied within 30 minutes. Mix well, using a low speed mechanical mixer.

3. Apply the blended liquid to the substrate at 100 - 160 SF/gallon to achieve 10 mils, using a short-nap roller. If using a reinforcement fiberglass, imbed the fiberglass into the basecoat. Apply additional blended liquid to saturate the fiberglass and smooth the surface with a short nap roller and/or squeegee. Allow to cure (usually overnight).

4. Sand freshly cured surface lightly to even out any surface projections.

5. Apply additional coat(s) of Floropoxy 4810 Sani-Rock as necessary to achieve the desired finish. Apply at 100-160 SF/gal.

6. A finish coat of Florothane MC or CR may be applied for additional chemical resistance. See data sheets for details.

Please read material safety data before using product.

Disclaimer:

All statements and recommendations are based on experience we believe to be reliable. The use or the 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 whatsoever of a product for an intended use shall be solely up to the User.

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

Based on 1 day spot testing. Coating cured 2 weeks prior to testing. Spot Test IAW ASTM D1308, Pencil Hardness Test IAW ASTM D3363

Rating Scale:

- 1 - Excellent. No change in pencil hardness
- 2 - Very Good. 1 unit change in pencil hardness
- 3 - Good. 2 units change in pencil hardness
- 4 - Fair. 3 units change in pencil hardness
- 5 - Poor. 4 or more units change in pencil hardness
- S - Stains