

SANIWALL™ FGR SYSTEM DATASHEET

SYSTEM DESCRIPTION

SaniWall FGR is a high-performance fiber glass reinforced wall coating system that is typically installed at a nominal 25 to 35 mil dry film thickness, offering a variety of topcoats depending on application. The SaniWall FGR system is a seamless, high gloss, durable, impact resistant, and easy to clean finished wall surface.

PRODUCT USES

SaniWall FGR is designed for use in various institutional and industrial applications, such as pharmaceutical, medical and healthcare facilities, clean room applications including animal research, food and beverage processing areas, commercial kitchens and correctional facilities.

FEATURES & BENEFITS

- Seamless Surface
- Impact and Chemical Resistant
- Fiberglass Reinforced for Dimensional Stability
- Easily Cleaned by Wash Downs
- Qualifies for LEED projects

COLORS

SaniWall FGR is available in 16 standard colors, plus black and white

SURFACE PREPARATION

Substrate must be clean, dry and profiled. Refer to the SaniWall application instructions for more detailed surface preparation instructions.

SYSTEM & COVERAGE

Typical usage suggests Sani-Wall Wall Coating as a primer/binder resin and Polyurethane 100 as a topcoat. Typical system thickness is between nominal 25 to 35 mil dry film thickness.

PRODUCTS

Typical usage suggests SaniWall Wall Coating with Fiberglass Reinforcement, Polyurethane 100 or Polyurethane 100 VOC.

PHYSICAL PROPERTIES at 77°F Resin and Hardener

Compressive Strength (ASTM D695):	9,850 psi
Tensile Strength (ASTM D638):	6,230 psi
Elongation, (ASTM D-638):	11%
Flexural Strength (ASTM D790):	9,680 psi
Flammability (ASTM E648)	Class 1
Impact Resistance (ASTM D 2794):	120
Hardness, Shore D (ASTM D 2240):	75 – 80
Tabor Abrasion (ASTM D 4060):	25mgs loss
Water Absorption (ASTM D570):	0.2%
Bond Strength (ASTM D7234):	350 psi (concrete failure)
Microbial Resistance (ASTM G21)	Passes 1

CHEMICAL RESISTANCE

Refer to Product Datasheet for Chemical Resistance Guide for full system chemical resistance.

CONCRETE or CMU MOISTURE

Please contact Arizona Polymer Flooring if moisture issues are suspected in concrete wall or concrete wall blocks.

WARRANTY

Arizona Polymer Flooring guarantees that this product is free from manufacturing defects and complies with our published specifications. In the event that the buyer proves that the goods received do not conform to these specifications or were defectively manufactured, the buyer's remedies shall be limited to either the return of the goods and repayment of the purchase price or replacement of the defective material at the option of the seller. ARIZONA POLYMER FLOORING MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, AND ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. Arizona Polymer Flooring shall not be liable for any injury incurred in a slip and fall accident. Manufacturer or seller shall not be liable for prospective profits or consequential damages resulting from the use of this product.