



FRP is the wall and ceiling panel from Panolam Industries for those high traffic installations requiring durability and high sanitary standards as well as moisture, mildew and chemical resistance. This is the hardworking, easy-to-clean surface you need for utility and service areas. Available in a range of colors, FRP easily fits with any interior style. For more information, please visit our web site www.panolam.com or call 866-925-4377.

SECTION 066400 PLASTIC PANELING (Fiberglass-Reinforced Plastic Panels)
SECTION 097700 SPECIAL WALL SURFACING (Fiberglass-Reinforced Plastic Panels)

PART 1 - GENERAL

1.1 SUMMARY

- A. Provide fiberglass reinforced plastic (FRP) panels for wall [and ceiling] applications.
- B. Related Sections: Coordinate with Work of other sections including the following:
 - 1. Section 092900 – Gypsum Board.
 - 2. Section 096513 – Resilient Base.

1.2 SUBMITTALS

- A. Product Data: Submit manufacturer’s literature including product characteristics, accessories and limitations.
- B. Selection Samples: Submit samples of colors and finishes if requested by Architect.
- C. Verification Samples: Submit samples of selected materials specified to verify color and finish.
- D. Industry Certifications and Standards: Submit copy of documentation indicating compliance.

1.3 QUALITY ASSURANCE

- A. Manufacturer: Minimum of 5 years experience manufacturing similar products.

1.4 DELIVERY, STORAGE AND HANDLING

- A. Deliver materials and products in unopened factory labeled packages. Store and handle in strict compliance with manufacturer’s instructions and recommendations.

1.5 WARRANTY

- A. Manufacturer’s Warranty: Provide manufacturer’s standard warranty against defects in manufacturing.

PART 2 - PRODUCTS

2.1 FIBERGLASS REINFORCED PLASTIC PANELS

- A. Manufacturer: Panolam FRP by Panolam Industries International, Inc., 20 Progress Drive, Shelton, CT 06484. Tel: 877-726-6526, Fax: 203-225-0050. Web: www.panolam.com. Panels shall comply with the following:
 - 1. Classic Collection: {White}{Ivory}{Almond}{Beige}{Silver}{Gray}{Black} color.
 - 2. Pioneer Collection: {Taupe}{Sage}{Sky} color.
 - 3. Surface Texture: {Smooth.}{Embossed.}

4. Fire Rating ASTM E 84: {Class A.}{Class C.}
5. Sustainability, Indoor Air Quality: GREENGUARD Gold Certification.
6. Thickness: {0.090 inches. (2.3 mm)}{0.075 inches. (1.9 mm)}
7. Barcol Hardness ASTM D2583: 35 typical.
8. Water Absorption ASTM D570: 0.2 percent typical.
9. Accessories: Color matched dividers, outside corners, inside corners, end caps and fastening rivets.
10. Adhesive: As recommended by manufacturer.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates for compliance with requirements for installation tolerances and other conditions affecting performance. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Install products in strict accordance with manufacturer's instructions and approved submittals.
 1. Clean substrate of dirt, dust, waxes, and other bond breaking substances prior to beginning installation.
 2. Install panels with bottom edge located to clear top of resilient base.
 3. Apply adhesive uniformly using adhesive manufacturers recommended trowel to the entire back of panels completely to the edge (100% coverage).
 4. Lay FRP panels in place leaving approximately 1/8 inch between panels and 1/4 inch space top and bottom.
 5. Follow adhesive manufacturer's recommendations for set and application times.
 6. Apply pressure to entire panel face with laminate type roller, removing trapped air and ensure proper adhesion between surfaces.

3.3 ADJUSTING AND CLEANING

- A. Replace installations out of plumb and not aligned with adjacent panels and construction.
- B. Clean panel face to remove soiling, stains, dust, and dirt using clean rags, and cleaning agents as instructed by manufacturer.
- C. Leave installation clean, free of residue and debris resulting from work of this Section.

END OF SECTION