

Section 097700

October, 2007

Fiberglass Reinforced Panels

Part 1 - General

1.01 Scope:

Prefinished FRP (Fiberglass Reinforced Plastic) wall panels for decorative and/or sanitary environments.

1.02 Qualifications:

All materials unless otherwise indicated are to be Marlite® Brand.

1.03 Environmental Conditions:

Building should be fully enclosed prior to installation with sufficient heat (70°) and ventilation consistent with good working conditions for finish work

1.04 Delivery and Storage of Materials:

Materials are to be factory packaged on strong pallets. All materials are to be stored lying flat, under cover and protected from the elements. Panels should be allowed to acclimate to room temperature (70°) for 48 hours prior to installation.

1.05 Warranty

All products shall be warranted to be free from defects for a period of 30 days after delivery.

Part 2 - Products

2.01 Manufacturer:

Marlite FRP panels shall be as provided by Marlite, 202 Harger Street, Dover, OH 44622, (330) 343-6621

2.02 Materials

- A. All Sanitary wall panels shall be:
 - 1. Marlite® Brand Artizan FRP.
See current Marlite Finish Guide for available choices.
Specifier to choose.

2.03 ACCESSORIES

- B. All trim specified shall be heavy weight extruded aluminum 6063-T5 alloy prefinished at the factory. Specifier to select one (or more) trim profile(s).
 - 1. Trim Profiles for .090" thick panels
 - a. A551 Inside Corner
 - b. A560 Outside Corner
 - c. A565 Division
 - d. A570 Edge

Section 097700

October, 2007

Fiberglass Reinforced Panels

Part 2 – Products

2.03 ACCESSORIES (continued)

2. Trim Finish
 - a. Factory oven-baked finish.
Colors are available to coordinate with Marlite Artizan colorways.
Specifier to select
 3. Outside Corner Guard
 - a. F 560 Stainless Steel
 4. Outside Corner Guard Finish
 - a. Stainless Steel
- C. All PVC Base Molding shall be a Rigid extruded PVC with integral color.
1. Base Profiles for .090” thick panels
 - a. M 612 FRP Base Molding
 - b. M 651 Inside Corner
 - c. M 660 Outside Corner
 - d. M 620 LH End Cap
 - e. M 625 RH End Cap
 2. Base Finish
 - a. P 200 Black
 - b. P 203 Quarry Red

Part 3 – EXECUTION

3.01 EXAMINATION

- A. Open cartons and carefully inspect all panels.
- B. Contact Marlite with questions or problems

3.02 PREPARATION

- A. Panels must be applied over a smooth , solid, flat, clean subwall such as drywall or plywood.

3.03 CONDITIONING

- A. Panels should be opened and allowed to acclimate for 48 hours prior to installation. Room temperature should be approximately 70° F.

Section 097700

October, 2007

Fiberglass Reinforced Panels

Part 3 – EXECUTION (continued)

3.04 INSTALLATION

- A. Install all panels in strict accordance with manufacturer's installation instructions.
- B. All moldings must provide for a minimum 1/8 inch expansion joint to insure proper installation.
- C. C-551 Marlite FRP Adhesive is available in 3 ½ gallon cans. A water-resistant, non-flammable adhesive, C-551 meets ASTM Specification C557.
- D. C-375 Marlite Construction Adhesive is available 3 ½ gallon cans. A strong, flexible, water-resistant, solvent based adhesive formulated for fast, easy application, C-375 meets ASTM Specification C557.

3.05 Sealant

- A. Marlite® Brand MS-250 Clear Silicone Sealant
- B. Marlite® Brand MS-251 White Silicone Sealant
- C. Marlite® Brand Color Match Sealant, Colors available to coordinate with Marlite Artizan colorways. Specifier to choose.

3.04 Maintenance

Wipe down using a damp cloth and mild soap solution or cleaner.
Refer to manufacturer's specific cleaning recommendations Do not use abrasive cleaners.

END OF SECTION