

SECTION 09971 – WATERPROOF WALL PANELS

PART 1 - GENERAL

0.1 SCOPE

- A. Provide waterproof wall panels where shown on the Drawings, as specified herein, and as needed for a complete and proper installation.

0.2 REFERENCE

- A. ASTM D570 – Test Method for Water Absorption of Plastics.
- B. ASTM D2240 – Test Method for Rubber Property – Durometer Hardness.
- C. ASTM E84 – Surface Burning Characteristics of Building Materials.

0.3 QUALITY ASSURANCE

- A. Standards:
 - 1. Comply with USDA Criteria for incidental food contact and ASTM E84, Class C, for surface burning characteristics of flame spread less than 200 and smoke density less than 450.
 - 2. Comply with ASTM D570 and ASTM D2240.
- B. Use of adequate numbers of skilled workmen who are thoroughly trained and experienced in the necessary crafts and who are completely familiar with the specified requirements and the methods needed for performance of the Work of this Section.

0.4 DELIVERY, STORAGE AND HANDLING

- A. Comply with the recommendations and instructions of the Manufacturer.

PART 2 - PRODUCTS

0.1 MANUFACTURER

- A. Marlite: 202 Harger Street, Dover, OH. 44622, ASD Tel: (330) 343-6621, Fax: (330) 343-7296

0.2 WALL PANELS

A. Marlite FRP (Fiber Reinforced Panels) Panels:

1. Size: 4' – 0" x 8' – 0".
2. Sheet Thickness: 3/32 (2.4mm) nominal.
3. Color: P100 White.
4. Finish Texture: Pebble Surface.

0.3 OTHER MATERIALS

- A. Trim: Matching Marlite® molding trim as supplied by panel manufacturer for outside/inside corners, vertical joints, openings, outside angles, end caps, and ceiling intersections.
- B. Fasteners: Manufacturer's standard rivets.
- C. Adhesive: Non-flammable adhesive as recommended by the manufacturer for substrate encountered.
- D. Sealant: As recommended by panel manufacturer.
- E. Provide other materials, not specifically described, but required for a complete and proper installation, as selected by the Contractor, subject to the approval of the Architect.

PART 3 - EXECUTION

0.1 SURFACE CONDITIONS

- A. Examine the areas and conditions under which Work of this Section will be performed. Correct conditions detrimental to timely and proper completion of the Work. Do not proceed until unsatisfactory conditions are corrected.

0.2 INSTALLATION

- A. Installation of panels shall be in strict accordance with the manufacturer's recommendations.
- B. Promptly, upon completion of installation, clean all exposed surfaces with methods and materials recommended by the manufacturer of the panels.

END OF SECTION 09971