**PART 1 - GENERAL**

**1.01 SUMMARY**

A. Provisions of Division 01 apply to this section.

B. Fiberglass reinforced plastic panels and accessories as indicated on the Drawings.

C. Related Section:

1. Section 09 25 00: Gypsum Board.

**1.02 SYSTEM DESCRIPTION**

A. Fiberglass reinforced plastic panels and accessories for kitchen and food preparation areas as indicated on the Drawings.

**1.03 SUBMITTALS**

A. Provide in accordance with Division 01.

B. Shop Drawings: Indicate location and dimension of joints and fastener attachments

C. Samples: Submit 8” x 10” Sample of each type, color, and accessories to be installed.

D. Certificate of Compliance: Submit certificate from manufacturer the installed wall surfacing meets Specification requirements.

**1.04 QUALITY ASSURANCE**

A. Comply with the following as a minimum requirement:

1. Class A Interior Finish Material as defined by the National Fire Protection Association Life Safety Code 101.

2. Underwriters Laboratories, Inc. listed, in accordance with ASTM E84, Standard Test Method for Surface Burning Characteristics of Building Materials.

3. USDA/FSIS Requirements.

4. FMRC (Factory Material Research Center) approved.

**1.05 DELIVERY, STORAGE AND HANDLING**

A. Deliver materials in manufacturer’s cartons properly labeled and identified.

B. Store all materials flat in a clean, dry storage area where temperature shall be maintained above 50 degrees F. Do not store rolls on end.

**1.06 PROJECT CONDITIONS**

A. Installation environment shall be stable and controlled.

B. Room temperature shall be controlled to 75 degrees F plus or minus 5 degrees, during and after installation.

**PART 2 - PRODUCTS**

**2.01 MATERIALS**

A. Wall and/or ceiling panels: Kemlite Fire-X Glasbord with Surfaseal, fiberglass reinforced plastic, Marlite FRP Panel P-100 Class A, or equal.

1. Wall Panels: Class 1 (A) Interior Finish. Thickness to be .09 inch, embossed, color as selected by Architect.

2. Class A Flame Spread: Less than 25, with Smoke Developed less than 450, per ASTM E84.

1. Barcol Hardness scratch resistance: 55 as per ASTM D2583, Standard Test Method for Indentation Hardness of Rigid Plastics by Means of a Barcol Impressor.
2. 25-cycle Taber Abrasion Test: No more than a 0.038% weight loss.
3. Gardner Impact Strength: 22 inch lbs. minimum Per ASTM D5420, Standard Test Method for Impact Resistance of Flat, Rigid Plastic Specimen by Means of a Striker Impacted by a Falling Weight (Gardner Impact)
4. Class 1 (A) Interior Finish Label: Provide identification on front side for installation and means of confirming finish standard after installation, when installation labels are removed.

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| NOTE TO PROJECT ARCHITECT: In article “B” below, select either stainless steel or PVC trim. |

B. Stainless steel trim or extruded PVC with integral color profiles. Provide inside corner and outside corners, panel division and edge trim.

C. Adhesive and Sealants: VOC compliant, as recommended by manufacturer.

**PART 3 - EXECUTION**

**3.01 PREPARATION**

A. Examine backup surfaces to determine corners are plumb and straight, surfaces are smooth, uniform, clean and free from foreign matter, nails countersunk, joints and cracks filled flush and smooth with the adjoining surface.

B. Do not begin installation until backup surfaces are in satisfactory condition.

**3.02 APPLICATION**

1. Perform cutting with carbide tipped saw blades or drill bits, or cut with snips.
2. Install panels with manufacturer’s recommended gap for panel field and corner joints.
3. Fastener holes in the panels shall be predrilled 1/8” oversize.
4. For trowel type and application of adhesive, follow adhesive manufacturer’s recommendations.
5. Utilizing products acceptable to manufacturer, install the system in accordance with panel manufacturer’s printed instructions.

**3.03 CLEANING**

A. Remove rubbish, debris, and waste materials and legally dispose of off the Project site.

* 1. **PROTECTION**

1. Protect the Work of this section until Substantial Completion.

**END OF SECTION**