

## **PLASTIC LAMINATE**

### **PART ONE: GENERAL**

#### **1.1 Description**

- 1.1.1 Work of this Section, as shown or specified, shall be provided by the Interior Contractor and shall be in accordance with the requirements of the Contract Documents.
- 1.1.2 Work includes coordinating and installing all Plastic Laminate as indicated on drawings and specifications and as specified herein, including all labor, materials and equipment related to the complete installation. Work shall also include procurement of specified Plastic Laminates unless indicated otherwise.

#### **1.2 Submittals**

- 1.2.1 All submittals shall be made according to Section 01300 and as specified herein.
- 1.2.2 Submit the following to the Consultant for approval prior to installation:
  - a. Two (2) samples of each Plastic Laminate specified, of sufficient size that will show one full repeat of any repeated pattern or design, but at least 18" x 18" (450 x 450 mm) in size (minimum), and showing full range of any texture or color variations which may be expected.
- 1.2.3. Review of samples will be for color and texture only; compliance with other requirements is the responsibility of the Interior Contractor.
- 1.2.4 All Plastic Laminate delivered and installed shall match the applicable approved samples.

#### **1.3 Quality Assurance**

- 1.3.1 All Plastic Laminate shall be installed using experienced, skilled workmen to the highest standard of workmanship. The finished appearance of the Plastic Laminate shall be free from blisters, cracks or any other defects due to faulty workmanship.
- 1.3.2 All work and materials shall conform to the drawings and specifications; any changes or deviations in materials or methods must be approved by the Consultant.
- 1.3.3 Plastic Laminate shall meet requirements of local and state codes where applicable. Comply with all laws, ordinances, rules and regulations and orders of any public authority having jurisdiction over this part of the Work.
- 1.3.4 The Interior Contractor shall be responsible for taking accurate job-site measurements for all dimensions related to the Work.
- 1.3.5 The Interior Contractor shall examine all conditions pertaining to the installation of Plastic Laminate and shall provide all coordination as required to achieve the proper and timely completion of the installation.
- 1.3.6 The Interior Contractor will not change brands of materials unless approved by the consultant during the course of the Work.

#### **1.4 Product Handling**

- 1.4.1 Use all means necessary to protect the materials of this Section before, during and after installation and to protect the work and materials of all other trades.
- 1.4.2 In the event of damage, immediately make all repairs and replacements needed to the approval of the Owner and with no additional cost to the Owner.

#### **1.5 Manufacturers**

- 1.5.1 All Plastic Laminate shall be as specified by Consultant:

## **PART TWO: PRODUCTS**

### **2.1 Materials**

- 2.1.1 Adhesive for application of each Plastic Laminate shall be as recommended by the manufacturer and appropriate to the Plastic Laminate as well as the surface to which Plastic Laminate is applied.
- 2.1.2 When Plastic Laminate is specified as provided by Owner or by others, such Plastic Laminate may be substituted with other similar Plastic Laminate with no additional cost for installation due to such substitution. Notify Consultant prior to proceeding with any such substitution.
- 2.1.3 Interior Contractor shall appropriately store, protect, and secure other- or Owner-supplied Plastic Laminate until required for installation.
- 2.1.4 All trim, borders, or other materials shall be provided as specified and shall be of the highest quality.
- 2.1.5 Plastic laminate edges shall be as indicated on drawings unless otherwise noted. Metal trim is not acceptable. Edges shall be neatly beveled, joints shall be minimized in quantity and be made to a smooth hairline and puttied. Appearance of unsightly or excessive joints will be cause for rejection.

## **PART THREE: EXECUTION**

### **3.1 Inspection and Preparation of Surfaces**

- 3.1.1 It is the responsibility of the Interior Contractor to see that surface is properly prepared to receive Plastic Laminate as specified.
- 3.1.2 Installation of Plastic Laminate shall not commence until the surfaces to which they will be applied have been inspected by the applicator and found to be satisfactory.

### **3.2 Installation**

- 3.2.1 All installations shall be done in a workmanlike

manner consistent with the standards of the industry and shall be guaranteed for one year.

- 3.2.2 Installation shall be as specified and shall be in full accordance with the manufacturer's recommendations, and with adhesive manufacturer recommended by the maker of the Plastic Laminate appropriate to the indicated use and job conditions.
- 3.2.3 No seams shall occur at outside corners of walls, unless indicated otherwise.
- 3.2.4 Unless specifically indicated otherwise on drawings or specifications, on surfaces requiring more than one full width of Plastic Laminate, joint locations shall be as follows:
  - a. When an even number of widths is required, center the joint on the center line of the surface width with equal number of widths occurring at each side.
  - b. When an odd number of widths is required, center one full width on the center line of surface width with equal number of widths occurring at each side.
  - c. When full and partial widths are required, center one full width on the center line of surface width with equal number of full and/or partial widths occurring at each side.
- 3.2.5 Plastic Laminate may be "railroaded" to reduce or avoid vertical joints when such orientation does not result in horizontal joints and when pattern does not require vertical orientation. All Plastic Laminate of the same type in a room/area shall have the same orientation.
- 3.2.6 All patterned Plastic Laminate shall be matched exactly at joints.
- 3.2.7 All soil marks, flaws or other defects shall be eliminated, removed or repaired as directed by the

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Owner prior to final acceptance.

- 3.2.8 Where Plastic Laminates with patterns with obvious repeats are specified at more than one location per room/area or in more than one related room/area, Plastic Laminate shall be installed so that the placement and orientation of such patterns match at the Plastic Laminate areas, unless indicated otherwise on drawings or specifications.
- 3.2.9 Prior to installation, Interior Contractor shall confirm and verify each Plastic Laminate material with the Consultant.
- 3.2.10 Provide two copies of manufacturer's data on Plastic Laminate showing that materials comply with requirements of data sheets and specifications, also including installation instructions and maintenance recommendations, according to Section 01720.
- 3.2.11 The Interior Contractor shall correct any installation defects within a reasonable period of time.

### **3.3 Cleaning**

- 3.3.1 Clean shop finished work, touch-up finish as required and remove and refinish damaged or soiled areas of finish.
- 3.3.2 Protect installed Plastic Laminate from damage by work of other trades until Owner's acceptance of the work. Subcontractor to advise Interior Contractor of procedures and precautions for protection of materials and installed work from damage and of the required temperature/humidity conditions which must be maintained during the remainder of the construction period in areas of Plastic Laminate installations.

**END OF SECTION**