

## SECTION 10 26 13

### CORNER GUARDS

#### PART 1 GENERAL

##### 1.01 SUMMARY

- A. Section Includes:
  - 1. Corner guards.
- B. Related Sections:
  - 1. Section 09 22 00 - Supports for Plaster and Gypsum Board.

##### 1.02 REFERENCE STANDARDS

- A. ASTM International:
  - 1. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials.

##### 1.03 ADMINISTRATIVE REQUIREMENTS

- A. Coordination:
  - 1. Coordinate as required with installation of related work.
  - 2. Coordinate Work with wall or partition section for installation of concealed blocking or anchor devices.
- B. [Preinstallation Meeting:]
- C. [Sequencing:]
- D. Scheduling: Schedule installation of items to occur after application of exposed finishes wherever installation will not damage exposed finish surfaces and completion of finishes will not impede installation.

##### 1.04 [SUSTAINABLE CHARACTERISTICS]

- A. Section 01 35 63 - Sustainability Project Requirements: Requirements for sustainable design compliance.
- B. Materials and Resources Characteristics:
  - 1. [Recycled Content Materials: Furnish materials with maximum available recycled content including:

**SPEC NOTE** *List materials specified in this section required to have recycled content.*

a. [\_\_\_\_\_.]

- 2. [Regional Materials: Furnish materials extracted, processed, and manufactured within 500 miles of Project site.]

**SPEC NOTE** *List materials specified in this section required to be regional materials.*

a. [\_\_\_\_\_.]

##### 1.05 SUBMITTALS

- A. See Section 01 33 00 - Submittal Procedures, for submittal procedures.

- B. Product Data: Indicate physical dimensions, features, anchorage details, and rough-in measurements.
- C. Samples: Submit four sections of corner guard, 12 inch long, illustrating component design, configuration, color and finish.
- D. Manufacturer's Instructions: Indicate special procedures, perimeter conditions requiring special attention.

#### **1.06 [SUSTAINABLE DESIGN SUBMITTALS]**

- A. Section 01 35 63 - Sustainability Project Requirements: Requirements for sustainable design submittals.
- B. Manufacturer's Certificate: Certify products meet or exceed specified sustainable design requirements.
  - 1. Materials Resources Certificates:
    - a. Certify source and origin for [salvaged] [and] [reused] products.
    - b. Certify recycled material content for recycled content products.
    - c. Certify source for regional materials and distance from Project site.
  - 2. Indoor Air Quality Certificates:
    - a. Certify volatile organic compound content for each interior adhesive and related primer.
- C. Product Cost Data: Submit cost of products to verify compliance with Project sustainable design requirements. Exclude cost of labor and equipment to install products.
  - 1. Provide cost data for the following products:
    - a. [Salvage products.]
    - b. [Reused products.]
    - c. Products with recycled material content.
    - d. Regional products.

#### **1.07 DELIVERY, STORAGE, AND HANDLING**

- A. Deliver, store, and handle packaged materials in original containers with seals unbroken and labels intact until time of use.
- B. Store delivered products in clean, safe, dry area.

### **PART 2 PRODUCTS**

#### **2.01 CORNER GUARDS**

- A. Description:
  - 1. Material: PVC free high impact vinyl with extruded aluminum full height retainer and integral impact absorbing device.
  - 2. Surface Burning Characteristics: Provide assemblies with flame spread index of 25 or less and smoke developed index of 50, when tested in accordance with ASTM E84.
  - 3. Mounting: Surface.
  - 4. Size: Two inches.
  - 5. Corner: Square.
  - 6. Length: One piece.
  - 7. Preformed end caps.

- B. Product: Construction Specialties, Inc.'s "C/S Acrovyn 4000 SSM-20"; or equal.
- C. Color:
  - 1. CG-1: Construction Specialties, Inc.'s "Parchment".
  - 2. CG-2: Construction Specialties, Inc.'s "[ ]".

## **2.02 FABRICATION**

- A. Fabricate corner guards with tight joints, corners and seams.
- B. Pre-drill holes for attachment.
- C. Form end trim closure by capping and finishing smooth.

## **PART 3 EXECUTION**

### **3.01 EXAMINATION**

- A. Examine areas to receive items and verify that:
  - 1. Dimensions are correct to receive items.
  - 2. Adjacent or adjoining surfaces are clean, dry, reasonably smooth, and free from defects.
  - 3. Absence of other conditions that will adversely affect installation.
- B. Do not start work until unsatisfactory conditions have been corrected.

### **3.02 INSTALLATION**

- A. Install corner guards in accordance with approved manufacturer's instructions and reviewed Shop Drawings.
- B. Install corner guards level and plumb, secured rigidly in position to wall framing members only.
- C. Attach retainer clips at 18 inch centers and closure caps at top and bottom of each guard; fasten through finish wall surface to studs.
- D. Snap corner guards into place; ensure hairline joints at caps with gaps no greater than 1/16 inch.
- E. Run corner guards from top of base to finish ceiling unless otherwise noted.
- F. No exposed fasteners will be permitted.

### **3.03 ERECTION TOLERANCES**

- A. Maximum Variation From Required Height: 1/4 inch.
- B. Maximum Variation From Level or Plane For Visible Length: 1/4 inch.

### **3.04 PROTECTION**

- A. Protect work from damage to surface, profile, and shape.
- B. Completely remove protective items prior to University's final acceptance.

- C. Replace damaged items.

**END OF SECTION**