

SECTION 10 26 16

BUMPER GUARDS

PART 1 GENERAL

1.01 SUMMARY

- A. Section Includes:
 - 1. Bumper 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 will 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 bumper 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.
- 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 BUMPER GUARDS

- A. Description:
 - 1. Surface mounted resilient bumper guard, nominal 8 inches high, mounted on concealed aluminum brackets and continuous retainers and flexible cushion.
 - 2. Material: PVC free igh impact vinyl.
 - 3. 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.
 - 4. Mounting: Surface.
 - 5. Return rail to wall.
 - 6. Preformed end caps and internal and external corners.
- B. Product: Construction Specialties, Inc.'s "C/S Acrovyn 4000, SCR-64"; or equal.
- C. Color:
 - 1. BG-1: Construction Specialties, Inc.'s "Parchment".

2. BG-2: Construction Specialties, Inc.'s "[]".

2.02 FABRICATION

- A. Fabricate bumper 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

- 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 bumper guards in accordance with manufacturer's instructions and reviewed Shop Drawings.
- B. Install bumper guards level and plumb, secured rigidly in position to wall framing members only.
- C. Attach retainer clips with retainer cushion at 24 inch centers.
- D. Attach end caps with concealed fasteners.
- E. Snap bumper guards into place; ensure hairline joints with end caps.

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