

## **SECTION 10260 CORNER GUARDS**

### **PART 1 GENERAL**

#### **1.01 SECTION INCLUDES**

- A. 2" X 2" (50.8 mm X 50.8 mm) corner guards.

#### **1.02 SUBMITTALS**

- A. Comply with the requirements of Section 001300- Submittals.
- B. Product Data: Submit manufacturers product data.
- C. Shop Drawings: Submit Shop Drawings showing Components, dimensions. And anchorage details.
- D. Samples: Submit 12" (304.8 mm) long sample of each model and color specified, including end caps and internal components for architect's approval.
- E. Certification: Submit manufacturer's certification indicating compliance with ADA requirements.

#### **1.03 QUALITY ASSURANCE**

- A. Comply with NFPA 101 for interior finished materials. Smoke developed less than 450 and flame spread of 25 or less in accordance with ASTM E84.

#### **1.04 DELIVERY, STORAGE, AND HANDLING**

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging with labels clearly indicating manufacturer of material.
- B. Storage: Store materials indoors in a clean, dry area protected from damage and in accordance with manufacturer's instructions.
- C. Handling: Protect materials during handling and installation to prevent damage.

### **PART 2 PRODUCTS**

#### **2.01 MANUFACTURER**

- A. Spectrim Building Products, LLC

#### **2.02 CORNER GUARD**

- A. Spectrim Corner Guard: Corner Guard Mounted over continuous aluminum retainer. Exposed surfaces shall be free of wrinkling, chipping, discoloration, or other imperfections.
  - 1. Dimensions:
    - a. Leg Length: 2" (50.8 mm).
    - b. Angle: 90°.
    - c. Clearance from Wall (Model CG1,2, and 4 are all installed flush to wall.
  - 2. Profile: L-shaped high impact smooth vinyl acrylic extrusion, locked in place, nominal .102" (2.59mm) thick including decorative PVC thermal foil film cap, .012" - .016" thick. Class 1/A fire rating, tested in accordance with ASTM E84.
  - 3. Retainer: Continuous retainer along entire length of corner guard, Minimum .06" (1.524 mm) thick 6063-T5 aluminum.

5. End Cap: Injection molded core ABS/Poly Carbonate/ Glass Fiber blend to withstand 161 foot pounds impact pressure without splitting, shattering, or breaking. Finished with matching decorative cap film.
6. Finish: Color to be selected by Architect from manufacturer's standard color offerings.

### **PART 3 EXECUTION**

#### **3.01 EXAMINATION**

- A. Inspect wall surfaces to receive crash rails. Notify the Architect in writing if wall surfaces are not acceptable. Do not begin installation until unacceptable conditions have been corrected.

#### **3.02 INSTALLATION**

- A. Install Corner Guards to wall securely and in accordance with manufacturer's written instructions.
- B. Install Corner Guards accurately in location, alignment and elevation.
- C. Provide steel stud or corner back-up in drywall stud cavity to accept fasteners.