

**THECORNERGUARDSTORE™**  
**SUGGESTED SPECIFICATIONS - SECTION 10 26 13**  
**MODEL CG-U-4100SS**

**48" x 1" x 1" - POLYCARBONATE (LEXAN) ADJUSTABLE ANGLE CORNER GUARD**

**Part 1 - GENERAL**

**1.01 SUMMARY**

- A. This section includes the following types of wall protection systems:
  - 1. Corner Guards
- B. Related Sections
  - 1. Section 10 26 16 - Bumper Guards
  - 2. Section 10 26 23 - Protective Wall Covering
  - 3. Door and Frame Protection
  - 4. 09 22 00 - Supports for Plaster and Gypsum Board

**1.02 REFERENCES**

- A. American Society for Testing and Materials (ASTM)

**1.03 SUBMITTALS**

- A. General: Submit the following in accordance with conditions of contract and Division 1 specification section 01 33 00 "Submittal Procedures".
- B. Product data and detailed specifications for each system component and installation accessory required, including installation methods for each type of substrate.
- C. Shop drawings showing locations, extent and installation details of corner guards. Show methods of attachment to adjoining construction.
- D. Samples for verification purposes: Submit the following samples, as proposed for this work, for verification of guard.
- E. Product test reports from a qualified independent testing laboratory showing compliance of each component with requirements indicated.
- F. Maintenance data for wall protection system components for inclusion in the operating and maintenance manuals specified in Division 1.

**1.04 QUALITY ASSURANCE**

- A. Installer qualifications: Engage an installer who has no less than 3 years' experience in installation of systems similar in complexity to those required for this project.
- B. Manufacturer's qualifications: Not less than 5 years' experience in the production of specified products and a record of successful in-service performance.
- C. Single source responsibility: Provide all components of the wall protection system manufactured by the same company to ensure compatibility of color, texture and physical properties.

**1.05 DELIVERY, STORAGE AND HANDLING**

- A. Deliver materials to the project site in unopened original factory packaging clearly labeled to show manufacturer.
- B. Material must be stored flat.
- C. Handling: Take adequate measure to prevent damage to materials.

**1.06 PROJECT CONDITIONS**

- A. Ambient Conditions: Do not install wall protection products until installation areas are enclosed and weatherproof. HVAC system must be operational and maintaining temperature at 65°-75°F (18°-24°C) for at least 72 hours prior to installation.

## **Part 2 - PRODUCTS**

### **2.01 MANUFACTURERS**

- A. TheCornerGuardStore.com  
2220 Fernbrook Lane North, Plymouth, MN 55447  
11445 E Via Linda, Suite 2323, Scottsdale, AZ 85259  
Tel: 800-516-0436

### **2.02 DESCRIPTION**

- A. Model: 48" (1219.2mm) x 1" (25.4mm) x 1" (25.4mm) x 90° Surface mounted polycarbonate (Lexan) corner guard with a 1/8" (3.2mm) radius corner and adjustable angle. Construction adhesive included for standard installation. Available pre-drilled or for use with mechanical fasteners.

### **2.03 MATERIALS**

- A. Polycarbonate (Lexan)
- B. Adhesive: Polyurethane based construction adhesive.

### **2.04 FABRICATION**

- A. Corner guards shall be factory formed from polycarbonate.

### **2.05 ACCESSORIES**

- A. Mechanical Fasteners:
  - 1. For Optional Pre-Drilled Holes: Polycarbonate (Lexan) wood screw or nail.
  - 2. Tamper resistant fasteners available.

## **Part 3 - EXECUTION**

### **3.01 EXAMINATION**

- A. Verification of conditions: Examine areas and conditions under which work is to be performed and identify conditions detrimental to proper or timely completion.
  - 1. Do not proceed until unsatisfactory conditions have been corrected.

### **3.02 PREPARATION**

- A. Surface preparation: Prior to installation, clean substrate to remove dirt, debris and loose particles. Perform additional preparation procedures as required by manufacturer's instructions.
- B. Protection: Take all necessary steps to prevent damage to material during installation as required in manufacturer's installation instructions.

### **3.03 INSTALLATION**

- A. Install the work of this section in strict accordance with the manufacturer's recommendations, using only approved mounting hardware, and locating all components firmly into position, level and plumb.

### **3.04 CLEANING**

- A. General: Immediately upon completion of installation, clean material in accordance with manufacturer's recommended cleaning method.
- B. Remove surplus materials, rubbish and debris resulting from installation as work progresses and upon completion of work.

### **3.05 Protection**

- A. Protect installed materials to prevent damage by other trades. Use materials that may be easily removed without leaving residue or permanent stains.