**THECORNERGUARDSTORE™**
**SUGGESTED SPECIFICATIONS - SECTION 10 26 13**
**MODEL CG-DP-063-1084.5-135**
**108” x 4 1/2” x 4 1/2” - DIAMOND PLATE ALUMINUM 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

11445 E Via Linda, Suite 2323, Scottsdale, AZ 85259
Tel: 800-516-4036

**2.02 DESCRIPTION**

**A.** Model: CG-DP-063-1084.5-135 - 108” (2743.2mm) x 4 1/2” (114.3mm) x 4 1/2” (114.3mm) x 135° Surface mounted diamond plate aluminum corner guard with a 1/8" (3.2mm) radius corner. Construction adhesive included for standard installation. Available pre-drilled or pre-drilled and countersunk for use with mechanical fasteners. Angles other than 90° and 135° and wings other than 4 1/2” (114.3mm) are available.

**2.03 MATERIALS**

**A.** Diamond Plate Aluminum: Type Tread Brite, .063 gauge, with a #8 mirror finish.

**B.** Adhesive: Polyurethane based construction adhesive.

**2.04 FABRICATION**

**A.** Corner guards shall be factory formed from diamond plate aluminum sheet.

1. Lengthwise perimeter edges to include an optional nominal 10° return bend. (Wings Option)
2. Edge burrs shall be removed.
3. Satin finish grain oriented parallel with length.
4. Single piece fabrication to 144” (3658) in length.

**2.05 ACCESSORIES**

**A.** Mechanical Fasteners:

1. For Optional Pre-drilled Holes: Stainless steel #8 x 1 1/4” Philips oval head wood screw with stainless steel cup washer.
2. For Optional Pre-drilled and Countersunk Holes: Stainless steel #8 x 1 1/4” Philips oval head wood screw.
3. 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.