

THECORNERGUARDSTORE™
SUGGESTED SPECIFICATIONS - SECTION 10 26 13
MODEL [CG-ALUA-080-484.5-90](#)
48" x 4 1/2" x 4 1/2" - UN-ANODIZED 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

2220 Fernbrook Lane North, Plymouth, MN 55447
11445 E Via Linda, Suite 2 #323, Scottsdale, AZ 85259
Tel: 800-516-0436

2.02 DESCRIPTION

- A. Model: [CG-ALUA-080-484.5-90](#) - 48" (1219.2mm) x 4 1/2" (114.3mm) x 4 1/2" (114.3mm) x 90° Surface mounted un-anodized 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. Un-Anodized Aluminum: Type 5052, .080 gauge, with a #4 satin finish.
- B. Adhesive: Polyurethane based construction adhesive.

2.04 FABRICATION

- A. Corner guards shall be factory formed from un-anodized 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.