THECORNERGUARDSTORE™
SUGGESTED SPECIFICATIONS - SECTION 10 26 13
MODEL CG-DP-125-244.5-135
24" 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-125-244.5-135 - 24” (609.6mm) 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, .125 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.