

THECORNERGUARDSTORE™
SUGGESTED SPECIFICATIONS - SECTION 10 26 13
MODEL CG-PVC-94200AR

94" x 2" x 2" - HIGH IMPACT SURFACE MOUNT VINYL CORNER GUARD WITH RETAINER

Part 1 - GENERAL

1.01 SUMMARY

- A. This section includes the following types of wall protection systems:
 - 1. Corner Guards for Wall Protection
- 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 National Standard Institute (ANSI)
- B. American Society for Testing and Materials (ASTM)
- C. Society of Automotive Engineers (SAE)
- D. Underwriters Laboratory (UL)

1.03 SYSTEM DESCRIPTION

- A. Fire Performance Characteristics: Provide materials with V-0 rating when tested in accordance with UL94.
- B. Impact Strength: Provide Rigid vinyl profile materials that have an Impact Strength value of 19 as tested in accordance with the procedures specified in ASTM D-256, Impact Resistance of Plastics.
- C. Chemical and Stain Resistance: Provide corner guards that show resistance to stain when tested in accordance with applicable provisions of ASTM D-543.
- D. Fungal and Bacterial Resistance: Provide rigid vinyl that does not support fungal or bacterial growth as tested in accordance with ASTM G-21 and ASTM G-22.
- E. Color Consistency: Provide components matched in accordance with SAE J-1545 (Delta E) with a color difference no greater than 1.0 units using CIE Lab, CIE CMC, CIE Lch, Hunter Lab or similar color space scale systems.

1.04 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.

1.05 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
- B. Substitutions: Not permitted.
- C. Provide corner guards and wall protection from single supplier.
- D. All products manufactured in USA.

2.02 DESCRIPTION

- A. Model: 94" (2387.6mm) x 2" (63.5mm) x 2" (63.5mm) x 90° Surface mounted vinyl corner guard with a 1/8" (3.2mm) radius corner. Construction adhesive included for standard installation. Available pre-drilled or for use with mechanical fasteners.

2.03 MATERIALS

- A. Vinyl: Snap on cover of .080" (2mm) thickness shall be extruded from chemical and stain resistant polyvinyl chloride with the addition of impact, fungal, and bacterial modifiers. No plasticizers shall be added (plasticizers may aid in bacterial growth). A minimum of 50% post-consumer recycled content is required.
- B. Aluminum: Continuous aluminum retainer of .070" (1.8mm) thickness shall be fabricated from 6063-T5 aluminum, with a mill finish.

2.04 COMPONENTS

- A. End caps, shall be made of molded thermoplastics.
- B. Fasteners shall be provided for standard drywall and steel stud applications.

2.05 FINISHES

- A. Vinyl Covers: Colors of the corner guards to be selected by the architect from the color selection. Surface shall have a haircell texture.
- B. Molded Components: End caps shall be of a color matching the corner guards. Surface shall have a haircell texture unless otherwise specified by the manufacturer.

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.