

Suggested Specification
SECTION 10 26 13
Wallguard.com Defender Series 2340.4 Aluminum Corner Guards

PART 1 GENERAL

1.01 SUMMARY

- A. This section includes the following wall protection system:
 - 1. Corner Guards
- B. Related Sections
 - 1. Section 10 26 16 - Bumper Guards
 - 2. Section 10 26 23 - Protective Wall Covering
 - 3. Section 10 26 33 - Door and Frame Protection
 - 4. Section 09 22 00 - Supports for Plaster and Gypsum Board

1.02 REFERENCES

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

1.03 SUBMITTALS

- A. General: Submit the following in accordance with Section 01 33 00 "Submittal Procedures".
- B. Product Data
 - 1. Data sheet illustrating product dimensions, options, and related components.
 - 2. Installation instructions.
- C. Samples for verification of design suitability and finish.
 - 1. 12" (304) Long sample.
- D. Test reports from a qualified independent laboratory showing results in compliance to requirements indicated

1.04 QUALITY ASSURANCE

- A. Manufacturer to have no less than 5 years experience in the production of wall protection products having successful in-service performance.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Storage: Store wall protection products in original packaging. Protect from weather, extreme temperatures, and moisture.
 - 1. Maintain temperature during storage between 40°- 100°F (4°- 38°C).
 - 2. Store materials flat to prevent twisting or sagging of cartons.
- B. Handling: Take adequate measure to prevent damage to materials.

1.06 SITE 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. Wallguard.com
PO Box 1109
Dover Plains, NY 12522

2.02 DESCRIPTION

- A. Model 2340.4, 2" (51) x 2" (51) x 135° Surface mounted aluminum corner guard with 1/8" (3) radius corner. Construction adhesive included for standard installation. Available pre-drilled or pre-drilled and countersunk for use with mechanical fasteners. Angles other than 135° and wings other than 2" (51) are available.

2.03 MATERIALS

- A. Aluminum: Alloy 5052-H32, .080 (2) thick, mill finish.
- B. Adhesive: Model ADH-50 low VOC polyurethane based construction adhesive.

2.04 FABRICATION

- A. Corner guards shall be factory formed from aluminum sheet.
 - 1. Edge burrs shall be removed.
 - 2. Single piece fabrication to 144" (3658) in length.

2.05 ACCESSORIES

- A. Mechanical Fasteners:
 - 1. For Optional Pre-drilled Holes: Stainless steel #6 x 1 1/2" Philips oval head sheet metal screw with stainless steel cup washer.
 - 2. For Optional Pre-drilled and Countersunk Holes: Stainless steel #6 x 1 1/2" Philips oval head sheet metal screw.
 - 3. Tamper resistant fasteners available.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Examine walls for availability of backing to ensure secure attachment of wall protection products.
- B. Verify that HVAC is operating and installation area temperature has been maintained between 65°-75°F (18°-24°C) for at least 72 hours prior to installation.
- C. Verify application of wall finishes has been completed in accordance with project finish plan.

3.02 PREPARATION

- A. Surface Preparation: Clean substrate to remove dust and debris.

3.03 INSTALLATION

- A. Acclimate materials to building conditions for at least 24 hours prior to installation.
- B. Install wall protection products in accordance with manufacturer's installation instructions.

3.04 PROTECTION

- A. Protect installed material from damage by other trades. Use materials that will not mark, stain, or leave residue on the product.