

Suggested Specification
SECTION 10 26 13
Wallguard.com Defender Series Corner Guard 2325.1

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. National Fire Protection Association (NFPA)
 - 2. American Society for Testing and Materials (ASTM)
 - 3. Underwriters Laboratories (UL)
 - 4. American National Standards Institute (ANSI)

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, color, and finish.
 - 1. 12" (304) Long sample of model selected.
- 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.
- B. Color Control: Provide extruded components that meet visual and colorimetric evaluation of color to a controlled standard.
 - 1. Colorimetric evaluation less than or equal to 1.0 CMC DE (Delta E) when measured under cool white fluorescent lighting.

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. Avoid exposure of plastic products to direct sunlight.

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

Wallguard.com
PO Box 1109
Dover Plains, NY 12522
Tel: 877-943-6826
www.wallguard.com

2.02 DESCRIPTION

- A. Model 2325.1, 1 1/2" (38) x 1 1/2" (38) x 90° Surface mounted corner guard. Specify 2325.1C for installation with factory applied double coated adhesive tape. Specify 2325.1D for pre-drilled and countersunk holes for use with mechanical fasteners. Specify 2325.1B for adhesive mounting. Available in angles other than 90°. Select from manufacturer's standard or custom colors.

2.03 DESIGN AND PERFORMANCE CRITERIA

- A. Flammability Characteristics: High impact vinyl components.
 - 1. Class A Interior wall finish (NFPA 101 Life Safety) when tested in accordance with ASTM E84.
 - a. Flame Spread: 25 or less
 - b. Smoke Developed: 450 or less
 - 2. Classification of HB when tested in accordance with ASTM D635.
- B. Stain Resistance: High impact vinyl components.
 - 1. Material to be tested for stain resistance to various chemical reagents in accordance with ASTM D543.
- C. Bacterial and Fungal Growth: High impact vinyl components.
 - 1. Material must not support bacteria or fungal growth when tested in accordance with ASTM G21 and ASTM G22.
- D. Impact Resistance: High impact vinyl components.
 - 1. Izod impact strength ASTM D256 method A notched, 23.8 ft-lbs/in average with no break.
 - 2. Charpy impact strength ASTM D6110 notched, 26.1 ft-lbs/in average with no break.

2.04 MATERIALS

- A. Corner Guard: Extruded high impact vinyl, nominal 0.080" (2) thickness colored throughout.
- B. Double Coated Adhesive Tape: White closed cell polyethylene foam, coated both sides with high performance acrylic adhesive. White kraft liner.
- C. Adhesive: Install corner guards with Pawling model ADH-50 low VOC polyurethane based construction adhesive, model ADH-60 low VOC mastic adhesive, model ADH-30 3M™ Fastbond™ contact adhesive, or equivalent.

2.05 ACCESSORIES

- A. Mechanical Fasteners:
 - 1. For Optional Pre-drilled and Countersunk Holes: Stainless steel #6 x 1-1/2" Philips oval head sheet metal screw.
 - 2. 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.