

Suggested Specification
SECTION 10 26 13
Wallguard.com 2447 Aluminum Diamond Plate

PART 1 GENERAL

1.01 SUMMARY

- A. This section includes the following wall protection system:
 - 1. Protective Wall Covering
- B. Related Sections
 - 1. Section 10 26 16 - Bumper Guards
 - 2. Section 10 26 13 - Corner Guards
 - 3. Section 10 26 33 - Door and Frame Protection

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) X 12" (304) Sample.
- D. Mill certification confirming product thickness and metal content.

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
877-943-6826
www.wallguard.com
sales@wallguard.com

2.02 DESCRIPTION

- A. Model 2447 Aluminum tread plate, 0.125" (3.2) nominal thickness with raised diamond pattern one side. Available in standard width of 48" (1.22m), and length of 96" (2.44m) and 120" (3.05m). Custom width and length dimensions are available. Supplied un-drilled for adhesive mounting or specify pre-drilled or pre-drilled and countersunk for use with mechanical fasteners.

2.03 MATERIALS

- A. Aluminum: Alloy 3003, bright finish, approximate weight 1.920 lbs/sqft.

2.04 ACCESSORIES

- A. Adhesive:
 - 1. Model ADH-50 low VOC construction adhesive.
- B. Mechanical Fasteners:
 - 1. Optional Pre-Drilled Holes: #8 x 1-1/2" Philips pan head sheet metal screw.
 - 2. Optional Pre-drilled and Countersunk Holes: #8 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.