

Suggested Specification
SECTION 10 26 23
Wallguard.com Protector Series 2404 Rub Rail

PART 1 GENERAL

1.01 SUMMARY

- A. This section includes the following wall protection system:
 - 1. Rigid Sheet Protective Wall Covering
- B. Related Sections
 - 1. Section 10 26 13 - Corner Guards
 - 2. Section 10 26 16 – Bumper Guards
 - 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. Cut sample 12” (304) in length.
- 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 and molded 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

- A. **Wallguard.com**
PO Box 1109
Dover Plains, NY 12522
www.wallguard.com
877-943-6826
sales@wallguard.com

2.02 DESCRIPTION

- A. Model **2404** , 4" (102) x 96" (2438) x .040" (1.0) thick, rigid vinyl, square edge, rub rail with Windrift texture. Specify CRU-44 undrilled for adhesive mounting, **2404D** - drilled for installation with mechanical fasteners, and **2404C** taped for installation with factory applied double coated adhesive tape. Specify color-matched caulk for seams. 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
- 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.

2.04 MATERIALS

- A. Rigid Sheet: Extruded high impact vinyl, nominal 0.040" (1.0) 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 with Pawling model ADH-60 low VOC mastic adhesive, model ADH-30 3M™ Fastbond™ contact adhesive, or equivalent.
- D. Color-Matched Caulk: Evaporative cure, elastomeric acrylic (latex) sealant with adhesive and silicone additives. Contains SKANE™ M-8 formaldehyde-free mildewcide.

2.05 ACCESSORIES

- A. Adhesive:
 - 1. Model ADH-60 low VOC mastic adhesive.
 - 2. Model ADH-30 3M™ Fastbond™ contact adhesive.
- B. Color-Matched Caulk: Model WC-110, 10.5 fl-oz cartridge.
- C. Installation Tools:
 - 1. Model ADH-TROWEL, combination 1/16" (1.6) square-notch and 1/8" (3) V-Notch trowel.
 - 2. Model WC-111 Heavy pressure roller.

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.