

Part 1 – General**1.01 – SUMMARY**

- A. Rub rail system for wall protection and decoration.

1.02 – SECTION INCLUDES

- A. wX14 Series, Textured PETG or Vinyl Rub Rail
- B. The following sections contain product info related to this section:
 1. Corner Guards, Handrails, Wall Covering, Wall Guards, Door Protection, refer to section 10 26 00 “Wall and Door Protection”

1.03 – REFERENCES

- A. American Society for Testing and Materials (ASTM)
- B. National codes (IBC, UBC, SBCCI, BOCA and Life Safety)
- C. Society of Automotive Engineers (SAE)
- D. National Fire Protection Association (NFPA)
- E. American National Standards Institute (ANSI)

1.04 – SUBMITTALS

- A. Product Data: Manufacturer's printed product data for each type of rub rail specified.
- B. Shop Drawings: Mounting details with the appropriate fasteners for specific substrates.
- C. Samples: Verification samples of the rub rail, 8" (203mm) long, in full size profiles for each product indicated.
- D. Manufacturer's Installation Instruction: Printed installation instructions for each rub rail.
- E. Maintenance Data: Wall protection maintenance data for inclusion in the Division 1 operating and maintenance manuals.

1.05 – QUALITY ASSURANCE

- A. Appoint an installer with 3 or more years of experience in installation projects of similar complexity.
- B. Manufacturer has 5 or more years of experience in the production of specified product and reliable product performance.
- C. Assemblies should follow all applicable codes including IBC, UBC, SBCCI, BOCA, and Life Safety.
- D. *Fire Performance Characteristics* (PETG only): Provide UL classified rub rails conforming with NFPA Class A fire rating. Surface burning characteristics, as tested in accordance with UL723 (ASTM E84), shall be as follows:
 1. Flame Spread: 0
 2. Smoke Developed: 135
- E. *Impact Strength*: Provide plastic profile materials that have been tested in accordance with the procedures specified in ASTM D256, Notched Izod Test and have the following Impact Strength values:
 1. 1.8 ft-lb/in or greater (PETG only)
 2. 19 ft-lb/in or greater (Vinyl only)
- F. *Chemical and Stain Resistance*: Provide rub rails that show resistance to stain when tested in accordance with applicable provisions of ASTM D543.
- G. *Fungal and Bacterial Resistance*: Provide material that does not support fungal or bacterial growth as tested in accordance with ASTM G21 and ASTM G22.
- H. *Color Consistency*: Provide components matched in accordance with SAE J1545—(Delta E) with a color difference no greater than 3.0 units using CIE Lab, CIE CMC, CIE Lch, Hunter Lab or similar color space scale systems.

1.06 – DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials in unopened factory packaging to the jobsite.
- B. Inspect materials at time of delivery to assure that specified products have been received.
- C. Store in original packaging in a climate controlled location away from direct sunlight and from exposure to the elements. Maintain a minimum room temperature of 40°F and a maximum of 100°F.
- D. Store material flat and do not stack.

1.07 – PROJECT CONDITIONS

- A. Environmental Requirements: Products must be acclimated to a temperature of 65°F to 75° F for at least 24 hours before beginning installation.
- B. Install products in an enclosed and weatherproofed area of the same temperature.

1.08 – WARRANTY

- A. Standard Wallprotex limited lifetime warranty against material and manufacturing defects.

Part 2 – Products**2.01 – MANUFACTURER**

- A. Acceptable Manufacturer: Wallprotex, 3750 Ohio Ave., St. Charles, IL 60174, Phone: 877-880-8115, www.wallprotex.com
- B. Substitutions: Not permitted.
- C. Provide all rub rail and wall protection from a single source.
- D. All products are to be manufactured in the USA.

2.02 – MANUFACTURED UNITS

- A. wX14 Series PETG or Vinyl Rub Rail Profiles
 1. Standard Thickness: .080" (2.0mm)
 2. Standard Widths: 4" (101.6mm) and 8" (203.3mm)
 3. Standard Length for all linear extrusions: 8' (2438.4mm)

2.03 – MATERIALS

- A. PETG: Rub rails of .080" (2mm) thickness shall be extruded from chemical and stain PETG.
- B. Vinyl: Rub rails of .080" (2mm) thickness shall be extruded from a chemical and stain resistant polyvinyl chloride. No plasticizers shall be added.

2.04 – ACCESSORIES

- A. Provide rub rails to be adhered using a low VOC mastic adhesive.
- B. Provide rub rails with self adhesive backing.

2.05 – FABRICATION

- A. Fabricate rub rail systems according to design, dimensions, detail, and finish per plans and specifications.

2.06 – FINISHES

- A. Colors of the rub rails to be selected by the architect from Wallprotex palette. Surface must have a haircell texture.
- B. Custom color matching available upon request.

Part 3 – Execution**3.01 – EXAMINATION**

- A. Prior to installation, examine areas and conditions in which the rub rail systems will be installed for defects, damage, or incomplete site preparation.
- B. Complete all finishing operations, including painting, before beginning installation of the rub rail system. New paint must be allowed to cure for an appropriate amount of time according to the paint manufacturer before rub rail system is installed.



- c. Do not install rub rail if wall surface is not adequately prepared.

3.02 – PREPARATION

- A. Prior to installation of the rub rail system, clean substrate to remove dust, debris, grease, or any loose particles.

3.03 – INSTALLATION

- A. Locate rub rail as indicated on the approved shop drawing for the appropriate substrate. Install rub rail flush and tight at the height indicated on the appropriate drawing, with surfaces free from distortion or other defects in appearance.
- B. Use the approved mounting hardware.
- c. Install all rub rail systems in accordance and compliance with Wallprotex installation instructions.

3.04 – CLEANING

- A. At completion of the installation, clean surfaces in accordance with the Wallprotex cleanup and maintenance instructions.
- B. Remove extra materials and debris accumulated from installation.

