

WX6 Series, 4" High Impact Vinyl Wall Guard

Suggested Specifications 10 26 00

PART 1—GENERAL

1.01 SUMMARY

- A. Wall guard system for wall protection and decoration.

1.02 SECTION INCLUDES

- A. WX6 Series 4" Wall Guard System

1.03 REFERENCES

- A. American National Standard Institute (ANSI)
- B. American Society for Testing and Materials (ASTM)
- C. Society of Automotive Engineers (SAE)
- D. Underwriters Laboratory (UL)

1.04 SYSTEM DESCRIPTION

- A. Performance Requirements: Provide wall guard systems that conform to the following requirements of regulatory agencies and quality control
- 1. Fire Performance Characteristics: Provide materials with V-0 rating as tested in accordance with UL94.
- 2. Impact Strength: Provide Rigid vinyl profile materials that have an Impact Strength value of 19 as tested in accordance with the procedures specified in ASTM D-256, Impact Resistance of Plastics.
- 3. Chemical and Stain Resistance: Provide wall guards that show resistance to stain when tested in accordance with applicable provisions of ASTM D-543.
- 4. Fungal and Bacterial Resistance: Provide rigid vinyl that does not support fungal or bacterial growth as tested in accordance with ASTM G-21 and ASTM G-22.
- 5. Color Consistency: Provide components matched in accordance with SAE J-1545—(Delta E) with a color difference no greater than 1.0 units using CIE Lab, CIE CMC, CIE Lch, Hunter Lab or similar color space scale systems.

1.05 SUBMITTALS

- A. Product Data: Manufacturer's printed product data for each type of wall guard specified.
- B. Detail Drawings: Mounting details with the appropriate fasteners for specific substrates.
- C. Samples: Verification samples of the wall guard, 8" (203mm) long, in full size profiles for each product indicated.
- D. Manufacturer's Installation Instruction: Printed installation instructions for each wall guard.

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.

1.07 PROJECT CONDITIONS

- A. Environmental Requirements: Products must be installed in an interior climate controlled environment of 65 to 75° F.

1.08 WARRANTY

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

PART 2 - PRODUCTS

- B. Substitutions: Not permitted.

- C. Provide all wall guards and wall protection from a single source.
- D. All products are to be manufactured in the USA.

2.02 MANUFACTURED UNITS

- A. Wall Guard Profile

- 1. WX6 Series 4" Height Vinyl Wall Guard with Aluminum Retainer.
- 2. Standard Length: 12 foot.

2.03 MATERIALS

- A. Vinyl: Snap on cover of .080" (2mm) thickness shall be extruded from chemical and stain resistant polyvinyl chloride with the addition of impact, fungal, and bacterial modifiers. No plasticizers shall be added (plasticizers may aid in bacterial growth). A minimum of 50% post consumer recycled content is required.
- B. Snap on impact bumper of .070" (1.8mm) thickness shall be extruded from 100% recycled material.
- C. Aluminum: Continuous aluminum retainer of .070" (1.8mm) thickness shall be fabricated from 6063-T5 aluminum, with a mill finish.

2.04 COMPONENTS

- A. End caps, inside corners, outside corners, stand offs, and brackets shall be made of molded thermoplastics.
- B. Fasteners shall be provided for standard drywall and steel stud applications.

2.05 FINISHES

- A. Vinyl Covers: Colors of the wall guard to be selected by the architect from the color selection. Surface shall have a haircell texture.
- B. Molded Components: End caps, inside corners, outside corners, stand offs, and brackets shall be of a color matching the wall guards. Surface shall have a haircell texture unless otherwise specified by the manufacturer.

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Examine areas and conditions in which the wall guard systems will be installed.

- 1. Complete all finishing operations, including painting, before beginning installation of wall guard system.

- B. Wall surface shall be dry and free from dirt, dust, grease, and loose paint.

3.02 PREPARATION

- A. General: Prior to installation of wall guard system, clean substrate to remove dust, debris, and loose particles.

3.03 INSTALLATION

- A. General: Locate wall guard as indicated on the approved detail drawing for the appropriate substrate. Install wall guard level, plump, and at the height indicated on the appropriate drawing, with surfaces free from distortion or other defects in appearance.
- B. Install all wall guard systems in accordance and compliance with installation instructions.

3.04 CLEANING

- A. At completion of the installation, clean surfaces in accordance with the clean-up and maintenance instructions.
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