

# WX2 Series, Polycarbonate Corner Guard

## Suggested Specifications Section 10 26 00

### PART 1—GENERAL

#### 1.01 SUMMARY

A. Corner guard system for wall protection and decoration.

#### 1.02 SECTION INCLUDES

A. WX2 Series Polycarbonate Corner Guard

#### 1.03 REFERENCES

A. American Society for Testing and Materials (ASTM)

B. Underwriters Laboratory (UL)

C. International Organization for Standardization (ISO)

D. Society of Automotive Engineers (SAE)

#### 1.04 SYSTEM DESCRIPTION

A. Performance Requirements: Provide wall guard systems that conform to the following requirements of regulatory agencies and the quality control of Wallprotex.

1. Fire Performance Characteristics: Provide clear corner guards with a V2 rating as tested in accordance with UL94.
2. Impact Strength: Polycarbonate profile materials that have an Impact Strength value of 16 as tested in accordance with the procedures specified in ASTM D-256, Impact Resistance of Plastics.
3. 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 corner guard specified.

B. Detail Drawings: Mounting details with the appropriate fasteners for specific substrates.

C. Samples: Verification samples of the corner guard, 8" (203mm) long, in full size profiles for each product indicated.

D. Manufacturer's Installation Instruction: Printed installation instructions for each corner 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 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, Fax: 630-443-8930, [www.wallprotex.com](http://www.wallprotex.com)

B. Substitutions: Not permitted.

C. Provide all corner guards and wall protection from a single source.

D. All products are to be manufactured in the USA.

#### 2.02 MANUFACTURED UNITS

##### A. Corner Guard Profile

##### 1. WX2 Series Corner Guard Options

##### Size Thickness Shape

3/4" (19mm) x 3/4" (19mm), .050" (1.3mm), 90°

1-1/8" (29mm) x 1-1/8" (29mm), .075" (1.9mm), 90°

1-1/2" (38mm) x 1-1/2" (38mm), .075" (1.9mm), 90°

2" (51mm) x 2" (51mm), .100" (2.5mm), 90°

2-1/2" (64mm) x 2-1/2" (64mm), .100" (2.5mm), 90°, 135°, 45° or Bullnose

3" (76mm) x 3" (76mm), .100" (2.5mm), 90°

##### 2. Standard Heights: 4 and 8 foot.

#### 2.03 MATERIALS

A. Polycarbonate: Corner guards shall be extruded from a clear thermo plastic material.

#### 2.04 COMPONENTS

A. Fasteners shall be provided for standard drywall and steel stud applications.

B. Provide polycarbonate corner guards with self adhesive backing.

#### 2.05 FINISHES

A. Corner guard color to be selected by the architect from the Wallprotex color selection. Surface shall have a smooth finish.

### PART 3 - EXECUTION

#### 3.01 EXAMINATION

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

1. Complete all finishing operations, including painting, before beginning installation of the corner 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 the corner guard system, clean substrate to remove dust, debris, and loose particles.

#### 3.03 INSTALLATION

A. General: Locate corner guard as indicated on the approved detail drawing for the appropriate substrate. Install corner 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 corner guard 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 clean-up and maintenance instructions.