

# **DIVISION 10 26 13 CLEAR CORNER GUARDS**

## **PART 1 – GENERAL**

### **1.01 SUMMARY**

- A. Corner guard system for wall protection

### **1.02 SECTION INCLUDES**

- A. Clear Corner Guards

### **1.03 REFERENCES**

- A. American Society for Testing and Materials (ASTM)
- B. Underwriters Laboratory (UL)

### **1.04 SYSTEM DESCRIPTION**

- A. Performance Requirements: Provide Corner Guard Systems that conform to the following requirements of regulatory agencies and the quality control of IPC Door and Wall Protection Systems, Inpro Corporation.
  - 1. Fire Performance Characteristics: Provide clear materials with V2 rating as tested in accordance with UL94.

### **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 adhesives for specific project substrates.
- C. Samples: Verification samples of corner guard, 8" (203mm) long, in full size profiles of each type and color 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 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.

### **1.08 WARRANTY**

- A. Standard IPC Limited Lifetime Warranty against material and manufacturing defects.

## **PART 2 – PRODUCTS**

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### 2.01 MANUFACTURER

- A. Basis-Of-Design Product: Inpro Corporation, IPC Door and Wall Protection Systems  
PO Box 406 Muskego, WI 53150 USA; Telephone: 800.222.5556, Fax: 888.715.8407,  
Website: www.inprocorp.com.
- 1. Submit comparable products of one the following for approval by architect:
  - a. Insert name of manufacture of comparable product
  - b. Submit requests for substitution in accordance with Instructions to Bidders and  
Division 01 General Requirements
  - c. Provide specified product; Owner will not consider substitution requests.

### 2.02 MANUFACTURED UNITS

*\*\*Note to Specifier – Update Section Below as Needed and Delete\*\**

#### A. Corner Guard Profile

- 1. Clear Corner Guard Options (Dimensions – Thickness – Angle)
  - a.  $\frac{3}{4}$ " (19mm) x  $\frac{3}{4}$ " (19mm) - .050" (1.3mm) - 90°
  - b.  $\frac{1}{8}$ " (29mm) x 1- $\frac{1}{8}$ " (29mm) - .075" (1.9mm) - 90°
  - c. 2- $\frac{1}{2}$ " (64mm) x 2- $\frac{1}{2}$ " (64mm) - .100" (2.5mm) - 90°
  - d. 2- $\frac{1}{2}$ " (64mm) x 2- $\frac{1}{2}$ " (64mm) - .100" (2.5mm) - 135°
    - 1) 4' (1.22m) and 8' (2.44m) standard heights
    - 2) Custom heights available
- 2. Clear Corner Guard, Flexible Angle Options (Dimensions–Thickness–  
Angle)
  - a. 1"(25.4mm) x 1"(25.4mm) - .045" (1.1mm) - Flexible Angle 45°-  
180°
  - b. Standard Heights – 4' (1.22m) and 8' (2.44m)
  - c. Only available with self-adhesive backing.

### 2.03 MATERIALS

- A. PC/PETG: Clear corner guards shall be extruded from clear  
thermoplastic material

### 2.04 COMPONENTS

- A. Fasteners: All mounting system accessories appropriate for substrates  
indicated on the drawing shall be provided.
- B. Adhesive Backed: Provide polycarbonate corner guards with self-  
adhesive backing.

### 2.05 FINISHES

- A. Surface shall be smooth.

## PART 3 – EXECUTION

### 3.01 EXAMINATION

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

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1. Complete all finishing operations, including painting, before beginning installation of corner guard system materials.
- B. Wall surface shall be dry and free from dirt, grease and loose paint.

### **3.02 PREPARATION**

- A. Surface Prep: Prior to installation, clean the substrate to remove dust, debris and loose particles. Ensure the substrate is sound and per project plans.
- B. Acclimate product in temperatures between 65°F and 80°F [18°-27°C] and a humidity level less than 80% 24 hours in advance of installation.
- C. The area of installation must temperature and humidity controlled for at least 48 hours after installation.

### **3.03 INSTALLATION**

- A. General: Locate the corner guard as indicated on the approved detail drawing for the appropriate substrate and in compliance with the IPC installation instructions. Install level and plumb at the height indicated on the drawings.
- B. Installation of Clear Corner Guard
  1. Screw-on:
    - a. Apply to corner with self-tapping nail screws for ¾" (19mm) guards and chrome plated screws for 1 ⅛" (29mm) and 2 ½" (64mm) guards that have pre-drilled mounting holes.
  2. Adhesive Backed:
    - a. Remove release liner from the back of the corner guard. Position corner guard on the wall and press into place. Roll corner guard with an extension roller.

### **3.04 CLEANING**

- A. At completion of the installation, clean surfaces in accordance with the IPC clean-up and maintenance instructions.
- B. Allows existing wall color or pattern to show through