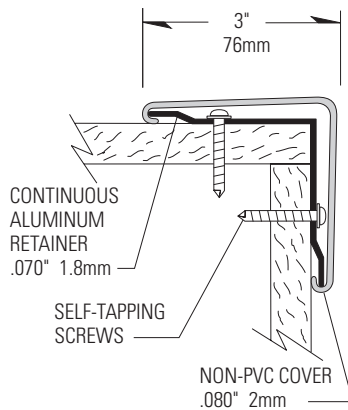


G150 GT Series High Impact Corner Guard



- ▶ 3" (76mm) wing with 90° corner protection
- ▶ Mounted on a sturdy .070" (1.8mm) thick continuous aluminum retainer
- ▶ .080" (2mm) thick, non-PVC cover
- ▶ Manufactured 3' (.91m), 4' (1.22m), 8' (2.44m), 9' (2.74m) and 12' (3.66m) standard lengths
- ▶ All mounting fasteners and top and bottom caps are included with each order



IPC.615/REV.1

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INPRO
IPC Interior Protection Products
and Decorative Surfaces

G150 EnviroGT High Impact Corner Guard

Suggested Specifications

PART 1 - GENERAL

1.01 SUMMARY

- A. Corner guard system that is PVC free and provides wall protection

1.02 SECTION INCLUDES

- A. G150 EnviroGT High Impact Surface Mount Corner Guard System

1.03 REFERENCES

- A. American Society for Testing and Materials (ASTM)
B. National Fire Protection Association (NFPA)
C. Society of Automotive Engineers (SAE)

1.04 SYSTEM DESCRIPTION

- A. Performance Requirements: Provide corner guard system 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 corner guard conforming with NFPA Class A fire rating. Surface burning characteristics, as determined by ASTM E-84, shall be flame spread of 0 and smoke development of 200.
2. Impact Strength: Provide profile materials that have an Impact Strength of 19 ft-lbs/inch of thickness as tested in accordance with the procedures specified in ASTM D-256-90b, 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 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

2.01 MANUFACTURER

- A. Acceptable Manufacturer: IPC Door and Wall Protection Systems, InPro Corporation, PO Box 406 Muskego, WI 53150 USA; Telephone: 800.222.5556, Fax: 888.715.8407, Internet address: <http://www.inprocorp.com>

- B. Substitutions: Not permitted

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

2.02 MANUFACTURED UNITS

- A. Corner Guard System

1. G150 EnviroGT High Impact Corner Guard Profile 3" (76mm) x 3" (76mm), 90 degree
3' (.91m), 4' (1.22m), 8' (2.44m) and 9' (2.74m) standard heights Custom heights available

2.03 MATERIALS

- A. Polycarbonate/acrylonitrile butadiene styrene (PC/ABS): Snap on cover of .080" (2mm) thickness shall be extruded from chemical and stain resistant PC/ABS. Inner snap-on impact bumper of .070" (1.8mm) thickness shall be extruded from chemical and stain resistant PC/ABS

- B. Aluminum: Continuous aluminum retainer of .080" (2mm) thickness shall be fabricated from 6063-T5 aluminum, with a mill finish.

2.04 COMPONENTS

- A. Top caps and bottom caps shall be made of injection molded thermoplastics.

- B. Fasteners: All mounting system accessories appropriate for substrates indicated on the drawings shall be provided.

2.05 FINISHES

- A. Covers: Colors of the corner guard to be selected by the architect from the IPC EnviroGT finish selection. Surface shall have a pebblette texture.

- B. Molded Components: Top caps and bottom caps shall be of a color matching the corner guards. Surface shall have a pebblette texture.

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 corner guard system materials.

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

3.02 PREPARATION

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

3.03 INSTALLATION

- A. General: Locate corner guard as indicated on the approved detail drawings for the appropriate substrate and in compliance with the IPC installation instructions.

- Install corner guard, level and plumb at the height indicated on drawings.

- B. Installation of G150 High Impact Surface Mount Corner Guard:

1. Position the aluminum retainer against the wall, allowing 5/16" (8mm) from the bottom of the aluminum to the top of the cove base or baseboard for the bottom cap.

2. Aluminum Retainer Installation

- Drywall installation: Secure the aluminum retainer to the wall using 1-1/4" phillips round head self-tapping screws. Use 4 screws per 3' (.91m) length, 6 screws per 4' (1.22m) length, 10 screws per 8' (2.44m) length, or 12 screws per 9' (2.74m) length. The aluminum retainer is pre-slotted to aid in the installation.

- Concrete installation: Drill 1/4" holes into the ends of the retainer for top and bottom caps. Use the slotted tabs of the top caps as a template for hole location. Transfer the location of all mounting holes to the wall. Drill 1/4" (6.5mm) holes and position ALLIGATOR anchors into the holes on the wall. Mount the retainer with #10 x 1-3/4" phillips pan head screws and tighten to secure the retainer to the wall.

3. Top and Bottom Cap Installation

- Drywall installation: Overlap the aluminum with the mounting tabs of the top cap and attach them to the aluminum retainer using two, 1-3/4" phillips flat head self tapping screws per cap.

- Concrete installation: Overlap the aluminum with the mounting tabs of the top and bottom caps and attach them to the aluminum retainer using two, #8 x 1-1/2" phillips flat head screws per cap.

4. Position the cover on the aluminum retainer to check the fit. Adjust the top cap on the aluminum retainer to obtain a tight fit with the cover. Starting at the top, push the cover over the aluminum, by pressing over the length until the cover snaps securely into place.

3.04 CLEANING

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

