EnviroGT G2-700i
Wall Guard

2" ALUMINUM RETAINER SUPPORT .080" 2mm SPACED @ 16" O.C.

NON-PVC .080" 2mm

CONTINUOUS IMPACT BUMPER .080" 2mm

#10 x 1 ³/4" SHEET METAL SCREW WITH ALLIGATOR® ANCHOR

7 ³/4" 197mm

1" 25mm
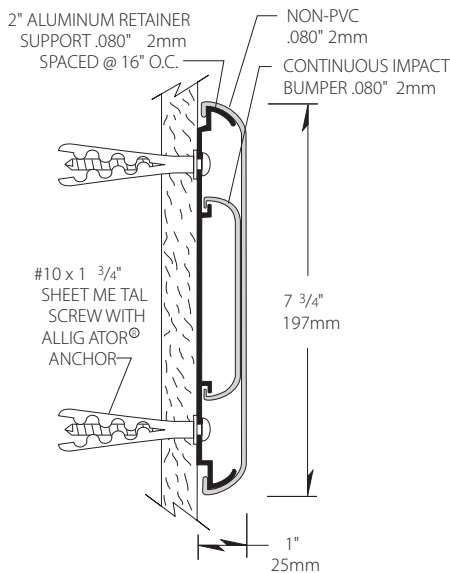
- Non-PVC cover is manufactured with BioPolyPETG+, InPro's exclusive reformulated PETG made with a corn-based biopolymer and recycled content; available in 100 standard colors and 11 Global Colours

- Offer a cost-effective alternative without sacrificing impact resistance with an abbreviated aluminum retainer

- Black reveals for end caps and corners

- Offers one of the most popular wall guard styles in a sustainable alternative

- Meets the most rigorous standards and criteria of chemical emissions as prescribed by the GREENGUARD Environmental Institute

- Has been tested and meets GREENGUARD Environmental Institute's and the state of California's requirements for low emitting products as tested by Air Quality Sciences

- Has been tested and meets the GREENGUARD Children & School chemical emissions levels

IPC.1177/REV.2

INPRO
IPC DOOR and WALL PROTECTION SYSTEMS

EnviroGT G2-700i Wall Guard
Suggested Specifications

PART 1 – GENERAL

1.01 SUMMARY
A. Non PVC Wall Guard system for wall protection and decoration

1.02 SECTION INCLUDES
A. G2-700i Infinity System Wall Guards

1.03 REFERENCES
A. American National Standards Institute (ANSI)
B. American Society for Testing and Materials (ASTM)
C. National Fire Protection Association (NFPA)
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 IPC Door and Wall Protection Systems, InPro Corporation.
1. Fire Performance Characteristics: Provide wall guard conforming with the NFPA Class A fire rating. Surface burning characteristics, as determined by ASTM E-84, shall be flame spread of 25 or less and smoke development of 450 or less.
2. Impact Strength: Provide materials that have been tested in accordance with the applicable provisions of ASTM D-256, Impact Resistance of Plastics.
3. System Impact Resistance: Provide a wall guard system that resists impact when tested in accordance with applicable provisions of ASTM F-476.
4. Chemical and Stain Resistance: Provide material that shows resistance to stain when tested in accordance with applicable provisions of ASTM D-543.
5. Fungal and Bacterial Resistance: Provide material that does not support fungal or bacterial growth as tested in accordance with ASTM G-21 and ASTM G-22.
6. GREENGUARD Certified: Provide GREENGUARD Certified profiles. Profiles shall meet the requirements of GREENGUARD Certification Standards for Low-Emitting Products and GREENGUARD Product Emission Standard for Children & Schools.
7. 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 product indicated in this section.
B. Detail Drawings: Mounting details with the appropriate fasteners for specific project substrates.
C. Samples: Verification samples of wall guard, 8" (203mm) long, in full size profiles of each type and color indicated.
D. Manufacturer's Installation Instructions: 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 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: Install products 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, www. inprocorp.com
B. Substitutions: Not permitted
C. Provide all wall guard and wall protection from a single manufacturer.

2.02 LEED CRITERIA
A. Provide wall guard systems with components that have recycled content.
1. MR Credit 4.1, 10%(post-consumer + ½ pre-consumer), 1 credit
2. MR Credit 4.2, 20%(post-consumer + ½ pre-consumer), 1 credit

2.03 MANUFACTURED UNITS
A. Wall Guard Profile
1. G2-700i Infinity System Wall Guard, 7-3/4" (197mm) height x 1" (25mm) depth, with abbreviated aluminum retainer

2.04 MATERIALS
A. Reformulated PETG with Biopolymer Blend: Snap on cover of .080" (2mm) thickness shall be extruded from chemical and stain resistant PETG. Inner snap-on impact bumper of .070" (1.8mm) thickness shall be extruded from chemical and stain resistant PETG.
B. Aluminum: 2" Aluminum retainer clips of .080" (2mm) thickness shall be fabricated from 6063-T5 aluminum with a mill finish.

2.05 COMPONENTS
A. End Caps, inside corners and outside corners shall be made of injection molded thermoplastics.
B. Molded reveals shall have a smooth finish and shall be black.
C. Fasteners: All mounting system accessories appropriate for substrates indicated on the drawing shall be provided.

2.06 FINISHES
A. Wall Guard Covers: Wall guard colors to be selected by the architect from the IPC finish selection. Color of the inner impact bumper to be black.
B. Molded components: End Caps, inside corners and outside corners shall be of a color matching the wall guards. Surface shall have a pebblette texture.

PART 3 – EXECUTION

3.01 EXAMINATION
A. Examine areas and conditions in which the wall guard system will be installed.
1. Complete all finishing operations, including painting, before beginning installation of wall guard system materials.
2. 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 wall guard as indicated on approved detail drawings for the appropriate substrate and in compliance with the IPC installation instructions. Install wall guard level and plumb at the height indicated on the drawings.
B. Installation of G2-700i Infinity System Wall Guard:
1. Determine the height of the top of the wall guard above the finished floor. Deduct 3-7/8" and snap a chalk line.
2. Ten aluminum retainer supports per 12' (3.66m) length, spaced 16" (406mm) on center are recommended. Position the centerline of a 2" (51mm) aluminum retainer support on the chalk line. Start at one end, using an aluminum support as a template, transfer the locations of the two holes on each aluminum retainer support to the wall with a marker. At the beginning and end of each run allow 1-9/16" (40mm) for end caps, 7/16" (11mm) for outside corners and 1-9/16" (40mm) for inside corners. Add approximately 1/16" space between the end caps/corners and the aluminum retainer support in order to allow for adjustments when attaching the cover.
3. Secure aluminum retainer supports to the wall using hardware provided (2 fasteners per support). When installing continuous lengths over 12' (3.66m), use a splice behind the cover seam.
4. Drill all marked holes on the wall with a 1/4" drill bit. Position ALLIGATOR anchors into the holes on the wall and use #10 x 1-3/4" Phillips pan head screw to attach each aluminum retainer support to the wall. Level and tighten the aluminum retainer supports to the wall.
5. Slide reveals onto end caps and corners. Slide the end caps and corners onto the aluminum supports, leaving a 1/16" gap for adjustments, and secure by using two 1-1/4" self-tapping screws per end cap or four per corner.
6. Cut the cover to the distance between the end caps/corners. NOTE: Trim all factory edges square before installation. Position the cover on the aluminum retainer supports starting at one end and working to the other end by pushing the cover over the aluminum until it snaps into place.

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