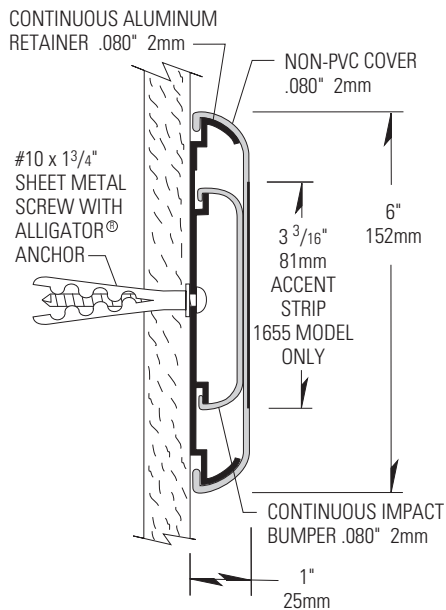


# G1600 Wall Guards



G1600



- ▶ Utilizes a non-PVC cover mounted on a continuous aluminum retainer
- ▶ Provide superior impact resistance from carts, luggage, beds, and wheelchairs with continuous impact bumper
- ▶ Minimize seams with standard 12' lengths
- ▶ Offer continuous protection with industry exclusive inside and outside corners
- ▶ Enhance interiors with 100 standard colors



IPC.595/REV.1



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**INPRO**  
**IPC** Interior Protection Products  
 and Decorative Surfaces

# G1600 Wall Guards

## Suggested Specifications

### PART 1 - GENERAL

#### 1.01 SUMMARY

- A. Non PVC wall guard system for wall protection and decoration

#### 1.02 SECTION INCLUDES

- A. G1600 Wall 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 wall guard systems that conform to the following requirements of regulatory agencies and the quality control of InPro Corporation.

1. Fire Performance Characteristics: Provide wall guard conforming with the NFPA Calls A fire rating. Surface burning characteristics, as determined by ASTM E-84, shall be flame spread of 10 and smoke development of 300.
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, Impact Resistance of Plastics.
3. Chemical and Stain Resistance: Provide Non PVC material that shows resistance to stain when tested in accordance with applicable provisions of ASTM D-543.
4. Fungal and Bacterial Resistance: Provide Non PVC material that does not support fungal or bacterial growth as tested in accordance with ASTM G-21 and ASTM G-22.
5. GREENGUARD Certified: Provide GREENGUARD Certified Non PVC profiles. Non PVC profiles shall meet the requirements of GREENGUARD Certification Standards for Low-Emitting Products and GREENGUARD Product Emission Standard for Children & Schools.
6. 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 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 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 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 InPro Corporation Limited Lifetime Warranty against material and manufacturing defects.

### PART 2 - PRODUCTS

#### 2.01 MANUFACTURER

- A. Acceptable Manufacturer: InPro Corporation, PO Box 406 Muskego, WI 53150 USA; Telephone: 800.222.5556, Fax: 888.715.8407, [www.inprocorp.com](http://www.inprocorp.com)  
B. Substitutions: Not permitted  
C. Provide all wall guards and wall protection from a single source.

#### 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. G1600 Wall Guard, 6" (152mm) height x 1" (25mm) depth.

#### 2.04 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.

#### 2.05 COMPONENTS

- A. End caps, inside corners and outside corners shall be made of injection molded thermoplastics.  
B. Fasteners: All mounting system accessories appropriate for substrates indicated on the drawings shall be provided.

#### 2.06 FINISHES

- A. Covers: Colors of the wall guard to be selected by the architect from the InPro EnviroGT finish selection. Surface shall have a pebblette texture.  
B. Inner Impact Bumper: Color of the inner impact bumper to be black.  
C. 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 systems will be installed.
1. Complete all finishing operations, including painting, before beginning installation of wall 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 wall guard as indicated on the approved detail drawing for the appropriate substrate, and in compliance with the InPro installation instructions. Install wall guard level and plumb at the height indicated on the drawings.
- B. Installation of G1600 Wall Guards:
1. Cut the aluminum retainer to the required length, allowing 1-5/8" (41mm) for each end cap, 9/16" (14mm) for each outside corner and 1-9/16" (40mm) for inside corners.
  2. Drill 1/4" holes on the centerline of the aluminum retainer 4" (102mm) from each end and spaced evenly over the entire length (6 anchors per 12' (3.66m) length).
  3. Position and level the aluminum retainer on the wall, allowing for end caps and corners, and transfer mounting holes to the wall with a marker. Drill 1/4" (6mm) holes at each mark 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 the screws to secure the retainer.
  4. Slide the end caps and corners onto the aluminum, leaving a 1/16" gap for adjustments, and secure with two 1-1/4" self-tapping screw per end cap or four per corner.
  5. With lengths over 12' (3.66m), a rubber splice is recommended for added support between butt joints.
  6. Cut the impact bumper to the distance between the inside edge of the end caps, corners or splices. Position the bumper on the inner aluminum retainer guides and push the bumper over the guides until it snaps into place.
  7. 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 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 InPro clean-up and maintenance instructions.

