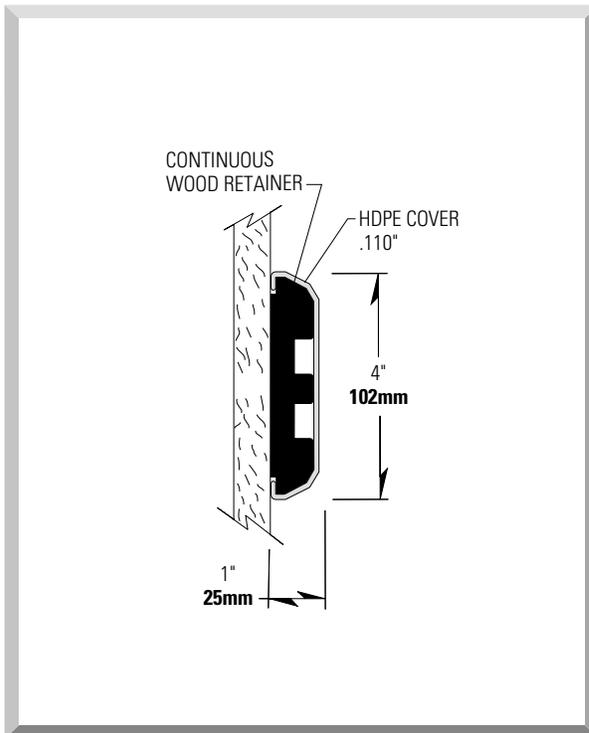

G5000

Wall Guard

Performance Characteristics



Product Gallery



- 4" (125mm) of wall protection, extends 1" (25mm) from wall
- Mounted on a continuous Forest Stewardship Council (FSC) certified wood retainer
- .110" (2.8mm) thick high density polyethylene (HDPE) cover
- Manufactured in 12' (3.66m) standard lengths
- All mounting fasteners are included with each order

G5000 Wall Guard

Suggested Specifications

PART 1 - GENERAL

1.01 SUMMARY

- A. Wall guard system that is environmentally friendly and provides wall protection and decoration

1.02 SECTION INCLUDES

- A. G5000 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 IPC Door and Wall Protection Systems, InPro Corporation.
1. Fire Performance Characteristics: Provide wall guards conforming with NFPA Class B fire rating. Surface burning characteristics, as determined by ASTM E-84, shall be flame spread of 50 and smoke development of 170.
 3. Chemical and Stain Resistance: Provide wall guards that show resistance to stain when tested in accordance with applicable provisions of ASTM D-543.
 4. Fungal and Bacterial Resistance: Provide rigid vinyl that does not support fungal or bacterial growth as tested in accordance with ASTM G-21 and ASTM G-22.
 5. Color Consistency: Provide component parts 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 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 wall guards and wall protection from a single source.

2.02 MANUFACTURED UNITS

- A. Wall Guard Profile
1. G5000 Wall Guard, 4" (152mm) height x 1" (25mm) depth

2.03 MATERIALS

- A. High Density Polyethylene: Snap on cover of .110" (3mm) thickness shall be extruded from chemical and stain resistant 100% recycled high density polyethylene
- B. Wood: Continuous solid wood retainer shall be milled of FSC Certified Ash.

2.04 COMPONENTS

- A. End caps, inside corners, outside corners and brackets 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. High Density Polyethylene Covers: Colors of the wall guard to be selected by the architect from the IPC finish selection. Surface shall have a pebblette texture.
- B. Molded Components: End caps, inside corners, outside corners and brackets 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 IPC installation instructions. Install wall guard level and plumb at the height indicated on the drawings.

- B. Installation of G5000 Wall Guard:

- G5000 Wall Guard
Material must be stored, installed and used in environmentally controlled conditions.
- [1] Cut the wood retainer to the required length, allowing 15/16" (24mm) for end caps, 1/4" (6.5mm) for outside corners and 1 5/16" (33mm) for inside corners. Allow 1/16" (1.5mm) between the end caps/corners and the retainer for adjustments when attaching the cover.
 - [2] Drill 5/16" (8mm) holes on the centerline of the mounting grooves of the wood retainer, 4" (102mm) from each end in a zig-zag pattern and spaced evenly over the entire length (6 anchors per 12' (3.66m) length). If rubber spacers, are used attach them behind the retainer by putting the screw through the hole in the spacer (6 rubber spacers per 12' (3.66m) length). NOTE: If mounting on concrete or brick, drill 1/4" (6mm) holes, 3/8" (9.5mm) from each end of the retainer at the correct centerline location for end caps or corners.
 - [3] Position and level the wood retainer on the wall, allowing for end caps and corners, and transfer the mounting holes to the wall with a marker. Drill 1/4" (6mm) holes at each mark and position the ALLIGATOR anchors into the holes on the wall. Mount the retainer with #10 x 1 3/4" phillips pan head screws. If rubber spacers are used, attach them behind the wood retainer. When used, rubber spacers are required at all mounting holes, and behind end caps and corners.
 - [4] Slide the end caps and corners onto the wood, leaving a 1/16" (1.5mm) gap for adjustments and secure them with two #10 x 3/8" Phillips pan head screws per end cap or four per corner.
 - [5] Cut the cover to the distance between the end caps and corners. NOTE: Trim all factory edges square before installation. Position the cover on the wood retainer to check the fit. Adjust the end caps and corners, in order to obtain a tight fit with the cover. Position the cover on the retainer and push over the retainer 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.

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