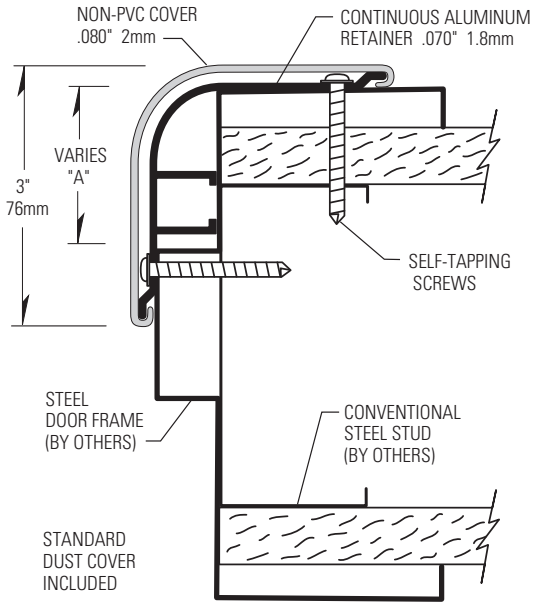
EnviroGT G2-1700 High Impact

Door Frame Guard





- Non-PVC cover is manufactured with G2 BioBlend™ , Inpro's exclusive blend of PETG and biopolymer.
- Provides superior impact protection against heavy abuse to door frames
- Achieve a finished look with dust cap and top and bottom caps
- Coordinate interior decor with 100 standard colors and 11 Global Colours
- GREENGUARD Indoor Air and Children & Schools Certified

IPC.1149/REV.1

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EnviroGT G2-1700 High Impact Door Frame Guard

Suggested Specifications

PART 1 - GENERAL

1.01 SUMMARY

A. Non PVC High Impact Door Frame Guard system for wall protection and decoration

1.02 SECTION INCLUDES

A. G2-1700 High Impact Door Frame Guard Systems

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)
E. Underwriters Laboratories (UL)
F. Underwriters Laboratory, Canada Accepted (cUL)

1.04 SYSTEM DESCRIPTION

A. Performance Requirements: Provide door frame 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 material 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. Fire Performance Characteristics: Provide UL Classified Cladding Material for doors and door frames intended for application on classified door frames used with wood composite and wood core type fire doors rated up to 1-1/2 hours in accordance with UL 10B. Provide cUL (Canada accepted) Cladding Material intended for application on classified wood composite and wood core type fire doors rated up to 1-1/2 hours in accordance with CAN4-S104-M80.
3. Impact Strength: Provide materials that have been tested in accordance with the applicable provisions of ASTM D-256, Impact Resistance of Plastics.
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 material. 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 door frame guard, 8" (203mm) long, in full size profiles of each type and color indicated.
D. Manufacturer's Installation Instructions: Printed installation instructions for each door frame 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 Interior Protection Products and Decorative Surfaces, 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 door frame and wall protection from a single manufacturer.

2.02 LEED CRITERIA

A. Provide door frame 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. Door Frame Guard Profile
1. G2-1700 High Impact Door Frame Guard Profile, 3" (76mm) x 3" (76mm) 90 degree Bullnose
Standard heights: 3' (.91m), 4' (1.22m) and 8' (2.44m), custom heights available

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.
B. Aluminum: Continuous aluminum retainer of .070" (1.8mm) thickness shall be fabricated from 6063-T5 aluminum with a mill finish.

2.05 COMPONENTS

A. Top Caps and dust cover shall be made of injection molded thermoplastics.
B. Fasteners: All mounting system accessories appropriate for substrates indicated on the drawing shall be provided.

2.06 FINISHES

A. Door Frame Covers: Door frame colors to be selected by the architect from the IPC finish selection.
B. Molded components: Top caps and dust cover shall be of a color matching the door frame guards. Surface shall have a pebblette texture.

PART 3 – EXECUTION

3.01 EXAMINATION

A. Examine areas and conditions in which the door frame guard system will be installed.
1. Complete all finishing operations, including painting, before beginning installation of door frame 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 door frame guard as indicated on approved detail drawings for the appropriate substrate and in compliance with the IPC installation instructions. Install door frame guard level and plumb at the height indicated on the drawings.
B. Installation of G2-1700 High Impact Door Frame Guard:
1. Cut the dust cap from the square end to the proper length.
2. Position the aluminum retainer on the steel door frame allowing 5/16" (8mm) from the bottom for the bottom cap.
3. Secure the retainer to the steel door frame using self-tapping screws.
4. Slide the dust cap and top cap together and attach it to the aluminum retainer using two flat head self-tapping screws. Do the same for the bottom cap.
5. Position the vinyl cover over the aluminum retainer. Starting at the top push the vinyl 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.

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