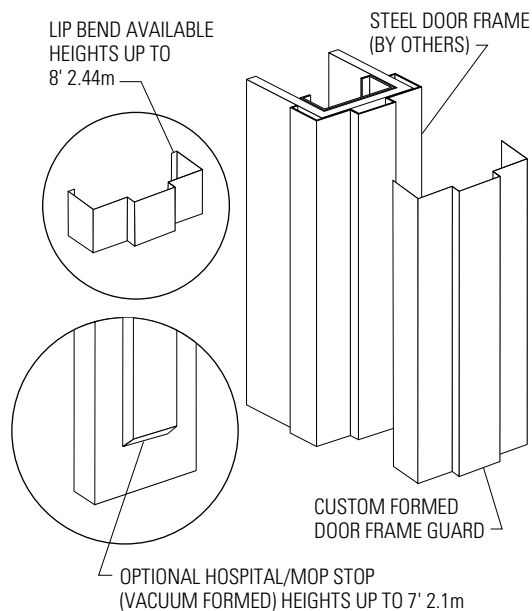


Non-PVC Door Frame Guard



- ▶ Protect door frames from damage by carts, beds, luggage and wheelchairs
- ▶ Ensure a perfect fit and lasting protection with Custom Formed Door Frame Guards
- ▶ May qualify for LEED MR Credit 4.1 = 1 credit; MR Credit 4.2 = 1 credit
- ▶ Coordinate interior decor with 100 standard colors



IPC.509/Rev.1

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INPRO CORPORATION®
Interior and Exterior Architectural Products

Non-PVC Door Frame Guard

Suggested Specifications

PART 1 - GENERAL

1.01 SUMMARY

- A. Door frame guards for door protection

1.02 SECTION INCLUDES

- A. Custom Formed Non-PVC Door Frame Guards

1.03 REFERENCES

- A. American Society for Testing and Materials (ASTM)
B. National Building Code of Canada (NBC)
C. National Fire Protection Association (NFPA)
D. Society of Automotive Engineers (SAE)
E. Underwriters Laboratory (UL)
F. Underwriters Laboratory of Canada (ULC)
G. Underwriters Laboratory, Canada Accepted (cUL)
H. Uniform Building Code (UBC)

1.04 SYSTEM DESCRIPTION

- A. Performance Requirements: Provide Non-PVC Door Frame Guards that conform to the following requirements of regulatory agencies and the quality control of InPro Corporation.
1. Fire Performance Characteristics: Provide Non-PVC Door Frame Guards conforming with the NFPA Class A fire rating. Surface burning characteristics as determined by ASTM E-84, for Non PVC material installed with 3M Fastbond 30 shall be a maximum flame spread of 25 and a maximum smoke developed of 300 for .060" (1.5mm) thick material.
2. Fire Performance Characteristics: Provide UL Classified Cladding Material for fire door and fire door frames intended for application on listed door frames used with hollow metal and steel covered composite type fire doors rated up to 3 hours in accordance with UL 10B. Provide cUL (Canada accepted) Cladding Material intended for application on listed fire door frames used on hollow metal and steel composite type fire doors rated up to 3 hours in accordance with CAN4-S104-M80.
3. 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.
4. Self-Extinguishing: Provide Non-PVC Door Frame Guards with a CC1 classification, as tested in accordance with the procedures specified in ASTM D-635-74, Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Self-Supporting Plastics in a Horizontal Position, as referenced in UBC 52-4-1988.
6. Impact Strength: Provide Non-PVC sheet material that has impact strength of 19ft-lbs/inch of thickness as tested in accordance with the procedures specified in ASTM D-256, Impact Resistance of Plastics.
7. Chemical and Stain Resistance: Provide Non-PVC Door Frame Guards that show resistance to stain when tested in accordance with applicable provisions of ASTM D-543.

8. 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.
9. 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 door frame guard specified.
- B. Detail Drawings: Mounting details with the appropriate adhesives for specific project substrates.
- C. Samples: Verification samples of door frame guard, 8" (203mm) long, of each type and color indicated.
- D. Manufacturer's Installation Instruction: Printed installation instructions for door frame guards.

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: InPro Corporation,
PO Box 406 Muskego, WI 53150 USA;
Telephone: 800-222-5556, Fax: 414-679-9127,
www.inprocorp.com
- B. Substitutions: Not permitted
- C. Provide all door frame guards and wall protection from a single source.

2.02 MANUFACTURED UNITS

- A. Door Frame Guards
1. Vacuum Formed Non-PVC Door Frame Guards,
Model, Description
GR400, 3' high, up to 12" width
GR399, 3' high, over 12" width
GR398, 3' - 4' high, up to 12" width
GR397, 3' - 4' high, over 12" width
GR396, 4' - 8' high, over 12" width
GR395, 4' - 8' high, up to 12" width
Pre-formed Thickness - .040" or .060"
Profile - Custom (specify)
Option: Hospital/mop stop
Optional lip bend - minimum 7/16" length, (must be formed from .060" sheet)

2.03 MATERIALS

- A. PC/ABS: Non-PVC Door Frame Guards shall be manufactured from chemical and stain resistant Polycarbonate/acrylonitrile butadiene styrene.

2.04 FINISHES

- A. Colors or patterns of the door frame guards to be selected by the architect from the IPC finish selection. Surface shall have a haircell texture.

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Examine areas and conditions in which the door frame guard systems will be installed.
1. Complete all finishing operations, including painting, before beginning installation of door frame guard system materials.
- B. Hollow metal frame shall be dry and free from dirt, grease and loose paint.

3.02 PREPARATION

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

3.03 INSTALLATION

- A. General: Locate the door frame guard as indicated on the approved detail drawing 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 Custom Vacuum Formed Non-PVC Door Frame Guard
1. Adhere to substrate with Fastbond 30, a nonflammable, high strength, water-dispersed contact adhesive, with very little odor. Smooth roll surface.

3.04 CLEANING

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

