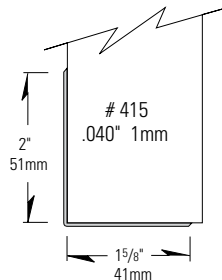
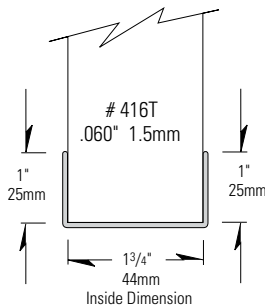


Non-PVC Door Edge Protector



- ▶ Extend the life of your doors with L-shaped or U-shaped door edge protectors
- ▶ L-shaped door edge protectors are available with or without factory applied adhesive
- ▶ U-shaped door edge protectors are available with cement-on or screw-on installation option
- ▶ 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
- ▶ May qualify for LEED MR Credit 4.1 = 1 credit; MR Credit 4.2 = 1 credit

IPC.457/Rev.1



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INPRO CORPORATION
Interior and Exterior Architectural Products

Non-PVC Door Edge Protector

Suggested Specifications

PART 1 - GENERAL

1.01 SUMMARY

- A. Door edge protectors for door protection

1.02 SECTION INCLUDES

- A. Non-PVC Door Edge Protector

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 Edge Protectors that conform to the following requirements of regulatory agencies and the quality control of InPro Corporation.
1. Fire Performance Characteristics: Provide Non-PVC Door Edge Protectors made from materials conforming to 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 Edge Protectors 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 Door Edge Protector 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 Edge Protectors 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 Non-PVC door edge protector specified.
- B. Detail Drawings: Mounting details with the appropriate adhesives for specific project substrates.
- C. Samples: Verification samples of Non-PVC door edge protectors, 8" (203mm) long, of each type and color indicated.
- D. Manufacturer's Installation Instruction: Printed installation instructions for Non-PVC Door Edge Protector.

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: 888.715.8407,
www.inprocorp.com
- B. Substitutions: Not permitted
- C. Provide all Non-PVC Door Edge Protectors and wall protection from a single source.

2.02 MANUFACTURED UNITS

- A. Non-PVC Door Edge Protectors
1. Description, Model, Dimensions
- a. L-Shaped, GR415N, Size: 2" (51mm) X 36" (914mm), thickness: .040" (1mm), custom heights available,
- b. L-Shaped, GR41596N, L-Shaped, Size: 2" (51mm) X 96" (2438mm), thickness: .040" (1mm), custom heights available
- Application: Factory Applied Adhesive Backing or Fastbond 30 Contact Cement
- c. U-Shaped, GR416T Size: 1" (25mm) X 1³/₄" (44mm) X 1" (25mm), 36" (914mm), custom heights available, Thickness: .060" (1.5mm), Application: Contact cement

- d. U-Shaped, GR41696T Size: 1" (25mm) X 1³/₄" (44mm) X 1" (25mm), 96" (2438mm), custom heights available, Thickness: .060" (1.5mm), Application: Contact cement

2.03 MATERIALS

- A. PC/ABS: Non-PVC Door Edge Protectors shall be manufactured from chemical and stain resistant polycarbonate/acrylonitrile butadiene styrene.

2.04 FINISHES

- A. Colors of the Non-PVC Door Edge Protectors to be selected by the architect from the IPC finish selection.

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Examine areas and conditions in which the door edge protector systems will be installed.
1. Complete all finishing operations, including painting, before beginning installation of door edge protector system materials.
- B. Door 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 and debris.

3.03 INSTALLATION

- A. General: Locate Door Edge Protector as indicated on the approved detail drawing for the appropriate substrate and in compliance with the IPC installation instructions. Install door edge protector at the height indicated on the drawings.
- B. Installation of Non-PVC Door Edge Protector
1. Allow the door edge protector to reach room temperature before installing. The surface that the door edge protector is to be applied must be dry and free of dirt, oil, loose paint, wax and grease.
2. Check the door clearance to see if the door will close properly with the door edge protector in place. If needed, plane the edge of the door where the door edge will be mounted until there is proper clearance.
3. U-Shaped installation: Contact Cement - Apply contact cement to the door edge protector and the edge of the door. Allow the contact cement to completely dry. Position the door edge protector on the door, making firm contact between the two surfaces.
4. L-Shaped installation: Factory applied adhesive - Peel the release backing from the door edge protector and position it on the door. Press the protector to the door applying firm pressure to the entire surface. Contact Cement - Apply contact cement to the door edge protector and the edge of the door. Allow the contact cement to completely dry. Position the door edge protector on the door, making firm contact between the two surfaces.

3.04 CLEANING

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

