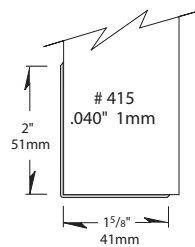
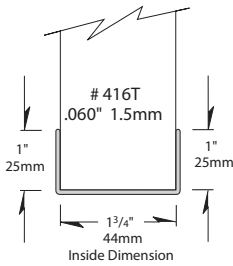


# Palladium® G2 Door Edge Protector



- Manufactured with G2 BioBlend™, Inpro's exclusive blend of PETG and biopolymer.
- 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
- GREENGUARD Indoor Air and Children & Schools Certified

IPC.1122/REV.3

# Palladium® G2 Door Edge Protector

## Suggested Specifications

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### PART 1 - GENERAL

#### 1.01 SUMMARY

- A. Non PVC door edge protector system for wall protection and decoration

#### 1.02 SECTION INCLUDES

- A. Palladium® G2 Door Edge Protector 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. Underwriter's Laboratories (UL)  
F. Underwriters Laboratory, Canada Accepted (cUL)

#### 1.04 SYSTEM DESCRIPTION

- A. Performance Requirements: Provide door edge protector 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 CAN4-5104-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 edge protector, 8" (203mm) long, in full size profiles of each type and color indicated.
- D. Manufacturer's Installation Instructions: Printed installation instructions for each 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: 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 edge protectors and wall protection from a single manufacturer.

#### 2.02 MANUFACTURED UNITS

##### A. Door Edge Protector Profile

##### 1. Palladium® G2 Door Edge Protector

##### Description, Model, Dimensions

- a. L-Shaped, G2-415N, Size: 2" (51mm) X 36" (914mm), thickness: .040" (1mm), custom heights available,
- b. L-Shaped, G2-41596N, 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, G2-416T Size: 1" (25mm) X 1-3/4" (44mm) X 1" (25mm), 36" (914mm), custom heights available, Thickness: .060" (1.5mm), Application: Contact cement
- d. U-Shaped, G2-41696T Size: 1" (25mm) X 1-3/4" (44mm) X 1" (25mm), 96" (2438mm), custom heights available, Thickness: .060" (1.5mm), application: Contact cement

#### 2.03 MATERIALS

- A. Reformulated PETG with Biopolymer Blend: Door Edge Protector of .080" (2mm) thickness shall be extruded from chemical and stain resistant PETG.

#### 2.04 COMPONENTS

##### A. Attachments

1. Tape: Factory applied double-faced foam tape.
2. Adhesive: Field applied heavy-duty adhesive.

#### 2.05 FINISHES

- A. Door Edge Protector: Door Edge Protector colors to be selected by the architect from the IPC finish selection. Surface shall have a velvet texture.

### PART 3 - EXECUTION

#### 3.01 EXAMINATION

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

on approved detail drawings for the appropriate substrate and in compliance with the IPC installation instructions. Install door edge protector level and plumb at the height indicated on the drawings.

#### B. Installation of Palladium® G2 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.