Palladium® Rigid Vinyl Sheet

- Provides reliable wall protection and is durable, long lasting and easy to clean
- Available in standard 3' (.91m) and 4' (1.22m) widths and 8' (2.44m) lengths. Custom lengths and rolls up to 120' (36m) available
- Standard thicknesses of .040 (1mm) & .060 (1.5mm), .080 (2mm) thickness also available
- Vinyl, Aluminum and Stainless Steel trim accessories available
- Scratch and stain resistant rigid vinyl
- 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
Palladium® Rigid Vinyl Sheet

Suggested Specifications

PART 1 - GENERAL

1.01 SUMMARY

A. Palladium® Rigid Vinyl Sheet for wall protection and decor.

1.02 SECTION INCLUDES

A. Palladium® Rigid Vinyl Sheet

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. Led material (Product Code) (ULC)

1.04 SYSTEM DESCRIPTION

A. Performance Requirements: Provide Palladium® Rigid Vinyl Sheet systems that conform to the following requirements of regulatory agencies and the quality control of IPC Door and Wall Protection Systems™, InPro Corporation.
B. Fire Performance Characteristics: Provide UL Classified Palladium® Rigid Vinyl Sheet conforming with the NFPA Class A fire rating. Surface burning characteristics as determined by UL-723 (ASTM E-84), for Palladium® Rigid Vinyl Sheet installed with 3M Fastbond 30, InPro Bond Adhesive, or Formulated Solutions, LLC “XT-2000+ Adhesive shall be a maximum flame spread of 20 and a maximum smoke developed of 350 for .060” (1.5mm) thick material. Provide ULC (Canada) listed Palladium® Rigid Vinyl Sheet conforming to the requirements of the National Building Code of Canada 2010, Subsection 3.1.3. Surface burning characteristics as determined by CAN/ULC-S102.2, shall be flame spread of 15 and smoke developed of 30.
C. Fungal and Bacterial Resistance: Provide Palladium® Rigid Vinyl Sheet that does not support fungal or bacterial growth as tested in accordance with 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 5-2.4-1988.
D. Self-Extinguishing: Provide Palladium® Rigid Vinyl Sheet 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 5-2.4-1988.
E. Impact Strength: Provide Palladium® Rigid Vinyl Sheet that has an Impact Strength of 30.4 ft-lbs/1.05” (3.04m) square, of each type and color indicated.
F. Color Matched Caulk

1.05 SUBMITTALS

A. Product Data: Manufacturer’s printed product data for each type of Palladium® Rigid Vinyl Sheet specified.
B. Detail Drawings: Mounting details with the appropriate adhesives for specific project substrates.
C. Samples: Verification samples of Palladium® Rigid Vinyl Sheet, 8” (203mm) square, of each type and color indicated.
D. Manufacturer’s Installation Instruction: Printed installation instructions for Palladium® Rigid Vinyl Sheet.

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 materials 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.
B. Standard Warranty

1.08 WARRANTY

A. Standard IPC Limited Lifetime Warranty against material and manufacturing defects.

PART 2 - PRODUCTS

2.01 MANUFACTURER

B. Substitutions: Not permitted.
C. Provide all Palladium® Rigid Vinyl Sheet and wall protection from a single source.

2.02 MANUFACTURED UNITS

A. Rigid Vinyl Sheet

1. Palladium® Rigid Vinyl Sheet Options

<table>
<thead>
<tr>
<th>Item #</th>
<th>Dimensions</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>305</td>
<td>3’x8’ (91.4 x 243.8)</td>
<td>.040” = 3/64” (1mm), available</td>
</tr>
<tr>
<td>306</td>
<td>3’x8’ (91.4 x 243.8)</td>
<td>.060” = 1/16” (1.5mm), available</td>
</tr>
<tr>
<td>405</td>
<td>4’x8’ (122 x 2.44m)</td>
<td>.040” = 3/64” (1mm), standard</td>
</tr>
<tr>
<td>406</td>
<td>4’x8’ (122 x 2.44m)</td>
<td>.060” = 1/16” (1.5mm), standard</td>
</tr>
<tr>
<td>410</td>
<td>4’x8’ (122 x 2.44m)</td>
<td>.080” = 5/64” (2mm), available</td>
</tr>
</tbody>
</table>

Also available:
- 3’ x 10’ (91.4 x 3.04m) sheets - thickness, .040” (1mm) and .060” (1.5mm)
- 3’ x 80’ (91.4 x 243.8) rolls - thickness, .060” (1.5mm)
- 3’ x 120’ (91.4 x 36.5) rolls - thickness, .040” (1mm), available
- 4’ x 10’ (122 x 3.04m) sheets - thickness, .040” (1mm)
- 4’ x 80’ (122 x 243.8) rolls - thickness, .060” (1.5mm)
- 4’ x 120’ (122 x 36.5) rolls - thickness, .040” (1mm)

Custom sizes available: Backing - unbacked

2. Accessories

A. Vinyl Caulks

<table>
<thead>
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<th>Item #</th>
<th>Dimensions</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>407</td>
<td>Top Cap</td>
<td>Length: 8” (2.44m) standard, 10’ (3.04m) available</td>
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<tr>
<td>408</td>
<td>Vertical Divider Bar</td>
<td>Length: 8” (2.44m) standard, 10’ (3.04m) available</td>
</tr>
<tr>
<td>409</td>
<td>Inside Corner</td>
<td>Length: 8” (2.44m) standard, 10’ (3.04m) available</td>
</tr>
<tr>
<td>411</td>
<td>Top Cap for .080” sheet</td>
<td>Length: 8” (2.44m) standard, 10’ (3.04m) available</td>
</tr>
<tr>
<td>417</td>
<td>Top Cap for .080” sheet</td>
<td>Length: 8” (2.44m) standard, 10’ (3.04m) available</td>
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<tr>
<td>418</td>
<td>Vertical Divider Bar for .080” sheet</td>
<td>Length: 8” (2.44m) standard, 10’ (3.04m) available</td>
</tr>
<tr>
<td>419</td>
<td>Inside Corner for .080” sheet</td>
<td>Length: 8” (2.44m) standard, 10’ (3.04m) available</td>
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<tr>
<td>475</td>
<td>Stainless Steel Top Cap</td>
<td>Length: 8” (2.44m) standard</td>
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<tr>
<td>476</td>
<td>Stainless Steel Vertical Divider Bar</td>
<td>Length: 8” (2.44m) standard</td>
</tr>
<tr>
<td>477</td>
<td>Stainless Steel Inside Corner</td>
<td>Length: 8” (2.44m) standard</td>
</tr>
<tr>
<td>478</td>
<td>Stainless Steel Inside Corner</td>
<td>Length: 10” (3.04m) standard</td>
</tr>
</tbody>
</table>

3.01 EXAMINATION

A. Examine areas and conditions in which the rigid vinyl sheet will be installed.

1. Complete all finishing operations, including painting, before beginning installation of rigid vinyl sheet 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 the Palladium® Rigid Vinyl Sheet as indicated on the approved detail drawing for the appropriate substrate and in compliance with the IPC installation instructions. Install level and plumb at the height indicated on the drawings.

B. Installation of Palladium® Rigid Vinyl Sheet

1. Adhere to substrate with InPro Bond, a freeze-thaw stable, nonflammable, high strength, water based adhesive that trowels on and allows approximately 20 minutes working time before firming.

2. Adhere to substrate with XT-2000+, a freeze-thaw stable, nonflammable, high strength, water based adhesive that trowels on and allows approximately 20 minutes working time before firming.

3. 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.