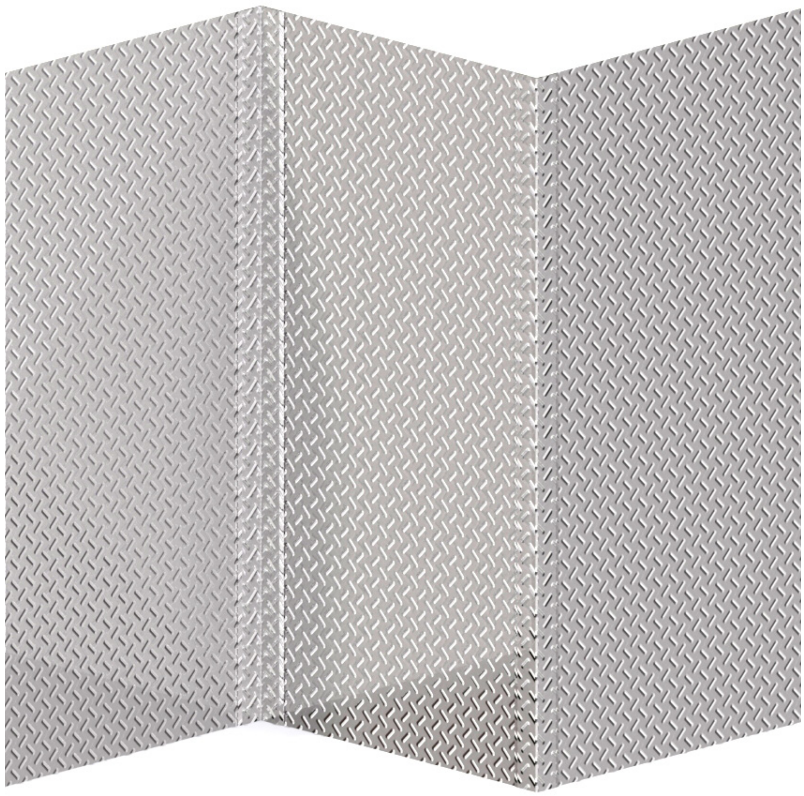
Stainless Steel Diamond Plate Wall Panels



- Diamond Plate Stainless Steel Panels for wall protection
- Panels are sized for wall dimensions providing evenly spaced seams.
- Tapered edge on corner pieces facilitates smooth transition between components.
- Corner pieces are available adhesive mount or screw mount.
- Maximum panel size 4' x 10', 16 or 18 gauge type 304, Stainless Steel. Type 430 - optional.
- Corner pieces have 2" (50.8mm) wings.

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Suggested Specifications

PART 1 – GENERAL

1.01 SUMMARY
A. Wall panels for wall protection

1.02 SECTION INCLUDES
A. Stainless Steel Wall Panels, Diamond Plate

1.03 SUBMITTALS
A. Product Data: Manufacturer's printed product data for each type of stainless steel wall panel systems specified.
B. Detail Drawings: Mounting details with the appropriate adhesives for specific project substrates.
C. Manufacturer's Installation Instruction: Printed installation instructions for stainless steel wall panels.

1.04 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.

1.05 PROJECT CONDITIONS
A. Environmental Requirements: Products must be installed in an interior climate controlled environment.

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

PART 2 - PRODUCTS

2.01 MANUFACTURER
A. Acceptable Manufacturer: IPC Door and Wall Protection Systems,
InPro Corporation, PO Box 406 Muskego, WI 53150 USA;
Telephone: 800-222-5556, Fax: 888-715-8407,
Internet address: http://www.inprocorp.com
B. Substitutions: Not permitted
C. Provide all stainless steel wall panels and wall protection from a single source.

2.02 MANUFACTURED UNITS
A. Wall Panels
1. Stainless Steel Wall Panels, Diamond Plate
a. Provide stainless steel wall panel systems that include panels, outside corners and inside corners. Panel system shall include stainless steel panels that have butted seams.
Panel Size – Custom, Maximum 4' x 10'
Panel Thickness – 16 or 18 gauge
Stainless Steel - Type 430 or type 304 (type 304 conforms to NSF Standard 51)

B Stainless Steel Outside Corners, Diamond Plate
1. 2" (50.8mm) x 2" (50.8mm), 16 gauge. Maximum Height 96", edges shall have an 11° taper
a. Stainless Steel - Type 430 or type 304 (type 304 conforms to NSF Standard 51)
b. Attachment: Adhesive mount or screw mount
C. Stainless Steel Inside Corners, Diamond Plate
1. 2" (50.8mm) x 2" (50.8mm) 16 gauge. Maximum Height 96", edges shall have an 11° taper
a. Stainless Steel - Type 430 or type 304 (type 304 conforms to NSF Standard 51)
b. Attachment: Adhesive mount or screw mount

2.03 MATERIALS
A. Stainless Steel, Diamond Plate
1. Wall panels shall be manufactured from Type 304, 18 gauge. Stainless Steel. Options: Type 430 stainless steel.
2. Outside and Inside Corners
a. Thickness - 16 gauge or 18 gauge
b. Type 430 or Type 304 (conforms to NSF Standard 51)

2.04 COMPONENTS
A. Attachment
1. Panels
a. Panels shall be adhered with field applied heavy duty adhesive.
2. Corner Guards
a. Adhesive mount - Corner guards shall be adhered with field applied heavy duty adhesive and foam tape.
b. Screw mount – Corner guards shall be attached with stainless steel Phillips head screws into counter sunk beveled mounting holes.
3. Edge finish – Edges shall be finished with color-matched caulk.

2.05 FINISH
A. Stainless Steel: Panels and corner guards shall have a Diamond Plate with a No. 4 satin finish.

PART 3 – EXECUTION

3.01 EXAMINATION
A. Examine areas and conditions in which the wall panel systems will be installed.
1. Complete all finishing operations, including painting, before beginning installation of wall panel system 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 wall panels as indicated on the approved detail drawing for the appropriate substrate and in compliance with the IPC installation instructions. Install wall panels level and plumb at the height indicated on the drawings. Complete installation with inside and outside corners.

3.04 CLEANING
A. At completion of the installation, clean surface in accordance with the IPC clean up and maintenance instructions

END OF SECTION

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