

SECTION 10 26 00
WALL PROTECTION

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. Furnish and install the following where indicated on Drawings.
 - 1. Stainless steel corner guards.
 - 2. Impact Resistant Wall protection.

1.2 RELATED SECTIONS

- A. Section 05 50 00 - METAL FABRICATIONS: Concealed in wall anchors for attachment of work of this Section.
- B. Section 06 10 00 - ROUGH CARPENTRY: Concealed blocking and nailers.
- C. Section 09 29 00 - GYPSUM BOARD: Substrate for wall and corner guards.

1.3 REFERENCES

- A. Comply with applicable requirements of the following standards and those others referenced in this Section, under the provisions of Section 01 42 00 - REFERENCES.
 - 1. ASTM A 167 - Stainless and Heat-resisting Chromium-nickel Steel Plate, Sheet and Strip.
 - 2. ASTM E 84 - Test Method for Surface Burning Characteristics of Building Materials.
 - 3. All applicable federal, state and municipal codes, laws and regulations regarding flammability and smoke generation of interior finishes.

1.4 PERFORMANCE REQUIREMENTS

- A. Installed component assembly to support vertical live load of 100 pounds per lineal foot with deflection not to exceed 1/50 of span between supports.
- B. Bumper rails, corridor handrails, and attachments to resist lateral force of 75 pounds at any point without damage or permanent set.
- C. Corner guards to resist lateral impact force of 100 pounds at any point without damage.

1.5 SUBMITTALS

- A. Submit the following under provisions of Section 01 33 00 - SUBMITTAL PROCEDURES:
 - 1. Literature: Manufacturer's product data sheets, specifications for each item furnished hereunder.
 - 2. Installation instructions: Indicate installation rough-in measurements and instructions.
 - 3. Manufacturer's certification: Certify that corner guards meet or exceed flame spread rating for surface finish.
 - 4. Shop drawings: Large scale details of flush corner guards showing attachment

clips and brackets; termination details, and complete installation details.

5. Selection samples:
 - a. Sample card indicating Manufacturer's full range of colors available for selection by Architect.
 - b. Provide samples as requested by Architect for initial selection of colors and finishes
6. Verification samples: 12 inch long samples, each, of flush corner guards, illustrating selected color and finish.

1.6 DELIVERY, STORAGE AND HANDLING

- A. Do not deliver wall and corner guards to the project until all concrete, masonry, plaster and other wet work has been completed and dry.
- B. Deliver materials in original packages, containers or bundles bearing brand name, identification of manufacturer or supplier.
- C. Store materials inside, under cover, and in manner to keep them dry, protected from weather, direct sunlight, surface contamination, corrosion and damage from construction traffic and other causes.

1.7 FIELD MEASUREMENTS

- A. Take field measurements before preparation of shop drawings and fabrication, where possible, to ensure proper fitting of Work.
- B. Allow for adjustments within specified tolerances wherever taking of field measurements before fabrication might delay Work.

1.8 SEQUENCING AND SCHEDULING

- A. Coordinate the work with wall or partition Sections for installation of concealed blocking or anchor devices.

PART 2 - PRODUCTS

2.1 CORNER GUARDS

- A. Stainless steel corner guard (surface-mounted-adhered type): Fabricated from 16 gage (0.059 inch thickness) type 304 stainless steel, polished to a N° 4, brushed finish, 90 degree profile, 3-1/2 inch by 3-1/2 inch by heights indicated on Drawings, with 1/8 inch bend radius.
 1. Specified Product: Pawling Corporation, series CG-500 "Pro-Tek Wall Protection Systems", model "CG-50."
- B. Mounting adhesive: Pawling Corporation product "ADH-50".

2.2 IMPACT-RESISTANT WALL COVERINGS

- A. Aluminum Diamond Plate Sheet Wall Covering: Fabricated from aluminum diamond plate sheet wall-covering material.
 1. Basis-of-Design Product
 2. <<http://www.specagent.com/LookUp/?ulid=678&mf=04&src=wd>>: Subject to compliance with requirements, provide: "WPAD-12" diamond plate wall protection by

- ProTek Systems Inc., or approved equal.
- 3. Size: 48 by 96 inches (1219 by 2438 mm) for sheet.
- 4. Sheet Thickness: 0.125 inch (3.0 mm).
- 5. Color and Texture: Bright finish.
- 6. Height: +/- 4 feet
- 7. Base: Cove Base
- 8. Joint Moldings: aluminum diamond plate that matches sheet wall covering color.
- 9. Top Cap: Flexible vinyl strip in aluminum channel. EB-1 by ProTek.
- 10. Mounting: Adhesive.

2.3 FABRICATION

- A. Fabricate components with tight joints, corners and seams.
- B. Predrill holes for attachment.
- C. Form end trim closure by capping and finishing smooth.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Inspect all surfaces and verify that they are in proper condition to receive the work of this Section.
- B. Verify that field measurements are as indicated on Drawings.
- C. Beginning of installation means acceptance of existing substrate and project conditions.

3.2 INSTALLATION

- A. Install components in accordance with manufacturer's instructions, level and plumb, secured rigidly in position.
- B. Position corner guard from finished floor.

3.3 TOLERANCES

- A. Maximum variation from required height: 1/4 inch.
- B. Maximum variation from level from visible length: 1/4 inch.

3.4 CLEANING

- A. Upon completion of the work of this Section in any given area, remove tools, equipment and all rubbish and debris from the work area; leave area in broom-clean condition.

END OF SECTION