

CORNER GUARDS

GENERAL INFORMATION

- 1.1 Work of this Section includes all labor, materials, equipment, and services necessary to complete the wall and corner guards as shown on the drawings and/or specified herein.
- 1.2 Cover materials shall be classified in accordance with ASTM E 84 as to flame spread and smoke development and shall be classified as self-extinguishing in accordance with ASTM D 635.
- 1.3 Wall and corner guards are typically used in locations where there is cart traffic, or on routes regularly used to move equipment or construction materials/debris.

DESIGN REQUIREMENTS

- 2.1 Wall Guards: surface-mounted, sizes as indicated on the drawing; heavy-duty stainless steel rail 4" h x 1/4" thick with 2" radiused ends. Outside rail surface shall be no more than 3-1/4" from wall mounting surface. Provide H-bracket and hidden fasteners.
- 2.2 Corner Guards: Custom fabricated 2-1/2" x 2-1/2" x 1/8" corner guards of Type 304, 16 gauge stainless steel with No. 4 finish, in lengths indicated on drawings. Mechanically fastened to wall with countersunk tamperproof stainless steel screws.
- 2.3 Appropriate end caps, bolts, and other required fitting shall be provided.

CONSTRUCTION REQUIREMENTS

- 3.1 Examine the areas and conditions where wall and corner guards are to be installed and correct any conditions detrimental to the proper and timely completion of the work. Do not proceed with the work until unsatisfactory conditions are corrected to permit proper installation of the work.
- 3.2 Installation:

DESIGN REQUIREMENTS

- a. Wall guards shall be installed by bolting with 1/4" toggle bolts through the support and the gypsum wallboard substrate. Bolts shall be 32" o.c. for wall guards and shall securely anchor wall guards. Corner guards shall be mechanically fasten to wall.
- b. Wall guards shall be set parallel to the floor at heights shown on the Drawings.
- c. Corner guards shall be set in alignment with the corner bead of the gypsum wallboard substrate.

3.3 Adjust and Clean:

- a. Clean surfaces promptly after installation, exercise care to avoid damage to surfaces.
- b. Protect wall and corner guards from damage until acceptance of work.

REFERENCE

- 4.1 The applicable CSI Specification Section is 10 26 13.