SECTION 10260

CORNER GUARDS AND CHAIR RAILS

PART 1 - GENERAL

1.01 DESCRIPTION

A. This Section describes the requirements for furnishing and installing the following:

1. Stainless steel corner guards.
2. Rigid plastic corner guards.
3. Extruded aluminum chair rails.

1.02 SUBMITTALS

A. Product Data: Manufacturer's literature, including manufacturer's installation instructions.

1.03 QUALITY ASSURANCE

A. Installer Qualifications: Engage an installer who has previously installed corner guards and chair rails similar in material, design, and extent to the systems specified for this Project.

1.04 PRODUCT DELIVERY, STORAGE, AND HANDLING

A. Deliver materials in manufacturer's original, unopened containers with labels indicating brand names, colors and patterns, and quality designations legible and intact.

B. Store materials in original undamaged packages and containers inside a well-ventilated area protected from weather, moisture, soiling, extreme temperatures, and humidity.

1.05 PROJECT CONDITIONS

A. Environmental Conditions: Do not install corner guards until the space is enclosed and weatherproof and until the ambient temperature within the building is maintained at not less than 70-deg. F. for not less than 72-hours prior to beginning of the installation.

PART 2 - PRODUCTS

2.01 STAINLESS STEEL CORNER GUARDS

A. Approved Manufacturers: Hiawatha Inc. “Saf-T-Guard”, Koroseal Wall Protection Systems “Koroguard”, Gamco USA or approved equal.

B. Material: Stainless steel, complying with AISI Type 304, minimum 16-gauge, No. 4 satin finish.

C. Wing Sizes: As scheduled.

D. Mounting Method: Double-faced self-adhesive foam tape or epoxy adhesive complying with VOC requirements.

E. Corner Radius: 1/8-inch.

F. Corner Guard Height: As indicated on the interior elevations. Most corner guards align with chair rail or wainscot unless otherwise indicated.

G. Provide custom U-shaped wall end guards where indicated.

2.02 SURFACE-MOUNTED RESILIENT PLASTIC CORNER GUARDS

A. Approved Manufacturers: Construction Specialties, Inc. Model SM-20, Balco, Inc. Type CGS-3 or approved equal.

B. Rigid Plastic Material: Extruded, textured, chemical- and stain-resistant, high-impact, polyvinyl chloride (PVC) or acrylic modified vinyl plastic, thickness specified. Comply with specified requirements of ASTM E84 for flame spread and smoke developed characteristics.

1. Color and Texture: As selected by the Architect.

C. Cover: Rigid, impact-resistant plastic, minimum 0.078-inch thick, with 1/4-inch cover radius.

D. Retainer: Continuous one-piece, extruded aluminum retainer, minimum 0.062-inch thick.

E. Accessories: Prefabricated, injection-molded top cap and aluminum base with concealed splices, cushions, mounting hardware, and other accessories as required.

F. Fasteners: Provide aluminum, nonmagnetic stainless steel, or other non-corrosive metal screws, bolts, and other fasteners compatible with aluminum retainer, hardware, anchors, and other items being fastened.

G. Corner Guard Height: 48-inches unless otherwise indicated.

2.03 ALUMINUM CHAIR RAILS

A. Approved Manufacturer – Stylmark – Minneapolis, MN (763-574-7474) or approved equal.

B. Material – Extended Aluminum mill finish

C. Size – ½" x 1 ½: - Part #110225.

D. Base "Wall" Connector – Part #410443.

E. End caps - Part #310213 at all exposed ends.

PART 3 - EXECUTION

3.01 INSPECTION

A. Examine areas and conditions in which corner guards and chair rails will be installed.

B. Complete finishing operations, including painting, before beginning installation.

3.02 PREPARATION

A. Prior to installation, clean substrate to remove dust, debris, and loose particles.

3.03 INSTALLATION

A. Install corner guards plumb and true to line without distortions.

3.04 CLEANING

A. Immediately upon completion of installation, clean corner guards in accordance with manufacturer's recommendations.

B. Remove excess adhesive using methods and materials recommended by manufacturer.

C. Remove surplus materials, rubbish, and debris resulting from installation upon completion of work and leave areas of installation in neat, clean condition.

END OF SECTION