SECTION 10260

CORNER GUARDS AND CRASH RAILS

PART 1 - GENERAL

1.01 SUMMARY

A. Provide wall and corner guards where shown on the Drawings, as specified herein, and as needed for a complete and proper installation.

B. Related work:
   1. Documents affecting work of this Section include, but are not necessarily limited to, General Conditions, Supplementary Conditions, and Sections in Division 1 of these Specifications.

C. Codes: Materials and work shall conform to the governing Building Code. In case of conflict between these specifications, the standard specifications, and the Building Code, the more stringent shall govern.

1.02 SUBMITTALS

A. Comply with pertinent provisions of Section 01300.

B. Product data: Within 30 calendar days after the Contractor has received the Owner's Notice to Proceed, submit:
   1. Materials list of items proposed to be provided under this Section;
   2. Manufacturer's specifications and other data needed to prove compliance with the specified requirements;
   3. Shop Drawings in sufficient detail to show installation, anchorage, and interface of the work of this Section with the work of adjacent trades;
   4. Samples of the proposed products, 12" in length, showing profiles, joining, and finish.
   5. Manufacturer's recommended installation procedures which, when approved by the Architect, will become the basis for accepting or rejecting actual installation procedures used on the Work.

1.03 QUALITY ASSURANCE

A. Use adequate numbers of skilled workmen who are thoroughly trained and experienced in the necessary crafts and who are completely familiar with the specified requirements and the methods needed for proper performance of the work of this Section.

1.04 DELIVERY, STORAGE, AND HANDLING

A. Comply with pertinent provisions of Section 01600.

PART 2 - PRODUCTS

2.01 CORNER GUARDS

A. Provide corner guards where noted on plans, in lengths specified, in colors and textures as called for on plans.

1. Corner guards shall be C/S Acrovyn Model SM-20 as manufactured by Construction Specialties, Inc., or equal. Contractor shall provide corner guards, retainers, matching end caps, and all other components necessary for a complete installation per manufacturer's instructions.
2. Corner guards shall be of two-piece construction, consisting of the following:
   a. An extruded vinyl/ acrylic or extruded aluminum retainer. In the case of an aluminum retainer, component shall be manufactured of 6063-T6 alloy, conforming to ASTM B221.
   b. Vinyl/ Acrylic cover, nominal .78-inch thickness, with chemical and stain resistant properties conforming to ASTM D-1308 standards.
3. Fasteners shall be non-corrosive, compatible with aluminum retainers, and appropriate to wall conditions.

2.02 CHAIR/ CRASH RAILS

A. Provide crash rails where noted on plans, in dimensions, colors, and textures as called for on plans.
   1. Crash rails shall be C/S Acrovyn Model SCR-50E as manufactured by Construction Specialties, Inc., or equal. Contractor shall provide crash rails, retainers, matching corners and end caps, and all other components necessary for a complete installation per manufacturer's instructions.
   2. Rails shall be of two-piece construction, consisting of the following:
      a. An extruded aluminum retainer manufactured of 6063-T6 alloy and conforming to ASTM B221.
      b. Vinyl/ Acrylic cover, nominal .78-inch thickness, with chemical and stain resistant properties conforming to ASTM D-1308 standards.
   3. Fasteners shall be non-corrosive, compatible with aluminum retainers, and appropriate to wall conditions.

PART 3 - EXECUTION

3.01 SURFACE CONDITIONS

A. Examine the areas and conditions under which work of this Section will be performed. Correct conditions detrimental to timely and proper performance of the Work. Do not proceed until unsatisfactory conditions are corrected.

3.02 INSTALLATION

A. Coordinate as required with other trades to assure proper and adequate provision in the work of those trades for interface with the work of this Section.

B. Install the work of this Section in strict accordance with the approved Shop Drawings and the recommendations of the manufacturer as approved by the Architect, anchoring all components firmly into position in true and plumb alignment within a tolerance of one in 1000 vertically and horizontally.

C. Temperature at the time of installation must be per manufacturer's instructions and must be maintained for a duration of time after installation as noted in manufacturer's instructions.

END OF SECTION - 10260