PART 1 - GENERAL

1.1 SUMMARY

A. Includes But Not Limited To:
   1. Furnish and install corner guards as described in Contract Documents.

1.2 SUBMITTALS

A. Product Data:
   1. Manufacturer's literature.
   2. Color selections.

1.3 REFERENCES

A. American Society For Testing And Materials:
   1. ASTM D 256-03, 'Test Method for Impact Resistant of Plastics and Electrical Insulating Materials.'
   2. ASTM E 84-01, 'Test Method for Surface Burning Characteristics of Building Materials.'

1.4 QUALITY ASSURANCE

A. Regulatory Requirements:
   1. Vinyl Corner Guards:
      a. UL classified conforming to NFPA Class A fire rating with surface burning characteristics as tested materials in accordance with UL 723 (ASTM E 84).
         1) Flame Spread: 10.
         2) Smoke Developed: 350 to 450.
      b. 20 ft/lbs/ per square inch as tested in accordance with ASTM D 256, Notched Izod Test.

PART 2 - PRODUCTS

2.1 MANUFACTURED UNITS

A. Stainless Steel Corner Guards:
   1. 16 ga 1.6 mm stainless steel with finish equal to US32D Satin Stainless Steel.
   2. Size:
      a. Wall Corners: 3-1/2 by 3-1/2 by 48 inches 88 by 88 by 1 200 mm high.
      b. Steel Column Corners: 48 inches 1 200 mm high, conforming to shape of column without voids and completely enclosing column.
   3. Type Two Acceptable Manufacturers:
      e. Equal as approved by Architect before installation. See Section 01 6000.

B. Vinyl Corner Guards:
1. Surface mounted, 0.078 inch 2 mm minimum thick, nominal high-impact vinyl / acrylic or polyvinyl chloride (PVC) extrusions designed to absorb and resist abrasions under impact.
2. Color and Texture: As selected by Architect from Manufacturer's premium colors.
3. Quality Standard: Acrovyn VA Series, 1-1/2 by 1-1/2 inch 38 by 38 mm
4. Category Four Approved Manufacturers. See Section 01 6000 for definition of Categories.

2.2 ACCESSORIES

   A. Adhesive: As supplied or recommended by Corner Guard Manufacturer.

PART 3 - EXECUTION

3.1 INSTALLATION

   A. Where chair rail or bumper guard occurs, install corner guard between chair rail or bumper guard and flooring base.

   B. Install corner guards at exterior wall corners of Foyers, Corridors, Work Rooms, and Offices. Install corner guards from top of chair rail to ceiling.

   C. Apply adhesive carefully to insure continuous contact between wall and guard. Take care to avoid soiling or leaving visible adhesive on wall or base.

END OF SECTION