

SECTION 10 2601
WALL AND CORNER GUARDS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Wall Protection.
- B. Corner guards.
- C. Corridor handrails.

1.02 REFERENCE STANDARDS

- A. ADA Standards - Americans with Disabilities Act (ADA) Standards for Accessible Design; 2010.
- B. ICC A117.1 - Accessible and Usable Buildings and Facilities; 2009.

1.03 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Indicate physical dimensions, features, anchorage details, and rough-in measurements.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Wall and Corner Guards:
 - 1. Construction Specialties, Inc: www.c-sgroup.com.
 - 2. Inpro: www.inprocorp.com.

2.02 COMPONENTS

- A. Rigid Sheet Wall Protection:
 - 1. Basis of Design: InPro IPC Rigid Sheet 405
 - 2. Material: High impact vinyl, 0.040" thick.
 - 3. Accessories: Aluminum & matching top caps, divider bars, and outside Corner Guards to be provided, by same manufacturer of wall protection.
 - a. Verify accessories with Spectrum Health Interior Designers. Each campus has slight variations.
 - 4. Color: Verify with Spectrum Health Interiors for final selections.
 - a. InPro Pyramid
 - b. CSAcrovyn Cappuccino 479
 - c. CSAcrovyn Classic Maple 375
 - d. InProApplewood 0537
 - e. CSAcrovyn Amber Cherry 373
 - 5. Pattern: Run wood grain patterns vertically.
- B. Corridor Handrails: Factory- or shop-fabricated, with preformed end caps and internal and external corners:
 - 1. Basis of Design: InPro 3000 or CS Acrovyn HRB-10CN
 - 2. Comply with accessibility requirements of ICC A117.1 and ADA Standards.
 - 3. Performance of Installed Assembly:
 - a. Support vertical live load of 100 lb/lineal ft with deflection not to exceed 1/50 of span between supports.
 - b. Resist lateral force of 250 lbs at any point without damage or permanent set.
 - 4. Material: High impact vinyl, color as selected from Spectrum Health's approved colors.
 - a. Top and bottom rail to be same color, accent band to be clear anodized aluminum.
 - 5. Mounting: Surface.
 - 6. Return rail to wall.
- C. Corner Guards - Surface Mounted:
 - 1. Location: All outside corners to receive full height guards.

2. Material: High impact vinyl with full height extruded aluminum retainer.
 - a. This is the standard product to use in clinical applications, Verify with Spectrum Health Project Manager and Interior Designers.
3. Material: Aluminum 1 1/2"x1 1/2"
 - a. This is the standard product to use in administrative applications, Verify with Spectrum Health Project Manager and Interior Designers.
4. Material: Type 304 stainless steel, No. 4 finish, 14 gage, 0.0781 inch thick.
 - a. Stainless steel is not the Spectrum Health standard, to be used in specific applications only. Verify with Spectrum Health Project Manager and Interior Designers.
5. CS Acrovyn SM Series, basis of design.
6. Size: 3 inches.
7. Corner: Radiused.
8. Color: Acrovyn Cappucino 479 or InPro Pyramid. Verify with Spectrum Health Interiors for final selections.
9. Length: One piece full height of corner.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that rough openings, concealed blocking, and anchors are correctly sized and located.

3.02 INSTALLATION

- A. Install components in accordance with manufacturer's instructions, level and plumb, secured rigidly in position to wall framing members only.
- B. Position top of corridor hand rail 36 inches from finished floor.
- C. Position corner guard 5 inches above finished floor to 96 inches high.
- D. Terminate rails 2 inches short of door opening.

END OF SECTION 10 2601