

SECTION 10 26 00 - WALL AND DOOR PROTECTION

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes:

1. **KROGER NATIONAL ACCOUNT AGREEMENT:** Contractor purchased - Contractor installed.
 - a. The following items are to be provided by the Contractor and purchased under a national account agreement with the Kroger Co.:
 - 1) **Material:**
 - a) Rigid PVC bumpers/rub rails.
2. Installation of rigid PVC bumpers/rub rails, impact resistant wall covering, corner guards, and vinyl chair rails by Contractor.
3. Additional items supplied and installed by Contractor not part of Kroger National Account Agreement:
 - a. Corner guards.
 - b. Vinyl chair rail.
 - c. Impact resistant wall covering and accessories.
 - d. Installation accessories as required for each item including but not limited to the following items:
 - 1) Concrete inserts.
 - 2) Non-shrink metallic grout.
 - 3) Bumper fasteners.
 - 4) Joint sealant.
 - 5) Fastening Hardware.

1.2 SUBMITTALS

1. Product Data: For each type of product indicated.

PART 2 - PRODUCTS

2.1 CORNER GUARDS

A. Extruded Plastic Corner Guards:

1. Basis of Design: Korogard Wall Protection Systems; a division of RJF International Corporation; Korogard Series G875, or a comparable product by one of the following:

- a. Arden Architectural Specialties, Inc.
 - b. IPC Door and Wall Protection Systems; Division of InPro Corporation.
 - c. Pawling Corporation.
2. Material: PVC plastic, acrylic-modified vinyl sheet or opaque polycarbonate sheet; with formed edges; fabricated with 90- or 135-degree turn to match wall condition.
 3. Fire Rating: ASTM E 84 Class I.
 4. Thickness: Nominal 0.078 inch (1.98mm).
 5. Wing Size: Nominal 3/4 by 3/4 inch (20 by 20 mm).
 6. Mounting: Manufacturer's recommended adhesive or double-faced adhesive foam tape.
 7. Color and Texture: As specified in Division 01 Section "Décor Interior Finishes and Colors" or matching impact-resistant sheet wall covering when used with this material.

B. Stainless Steel Corner Guards.

1. Material: Stainless steel, Type 304, fabricated from one-piece, formed or extruded metal with formed edges; with 90- or 135-degree turn to match wall condition.
2. Thickness: Minimum 16 gauge, 0.0625 inch (1.6 mm).
3. Finish: Directional satin, No. 4.
4. Wing Size: Nominal 3-1/2 by 3-1/2 inches (90 by 90 mm).
5. Corner Radius: 1/8 inch (3 mm).
6. Mounting: Countersunk screws through factory-drilled mounting holes.

2.2 BUMPERS AND RUB RAILS

A. Rigid Polycarbonate

1. Product: McCue Corp.; Greenguard 2.
 - a. Contact: McCue customer service, (800) 800-8503. Specify store number and address when ordering.
 - b. No substitutions allowed.
2. Material: Rigid polycarbonate bumpers/rub rails, U.L. Classified.
3. Size: 2 inch (51 mm) by 1-1/8 inch (28.5 mm)
4. Color: Refer to Division 01 Section "Decor Interior Finishes and Colors."

B. Flexible PVC (for Rounded Corners)

1. Product: McCue Corp.; Cartguard 2 Flex.
 - a. Contact: McCue customer service, (800) 800-8503. Specify store number and address when ordering.
 - b. No substitutions allowed.
2. Material: Flexible PVC bumpers/rub rails, U.L. Classified.
3. Size: 2 inch (51 mm) by 1-1/8 inch (28.5 mm)
4. Color: Refer to Division 01 Section "Decor Interior Finishes and Colors."

C. Vinyl Chair Rail

1. Basis of Design: Koroseal Interior Products; a division of RJF International Corporation; Korogard CH20 or a comparable product by one of the following:
 - a. Arden Architectural Specialties, Inc.
 - b. IPC Door and Wall Protection Systems; Division of InPro Corporation.
 - c. Pawling Corporation.
2. Height: 2-1/8 inches (54 mm).
3. Width: 1-1/8 inches (26.6 mm).
4. Clearance from Wall: Flush with wall.
5. Profile: High-impact vinyl acrylic extrusion locked in place, nominal 0.078 inch (1.98 mm) thick. Class A fire rating, tested in accordance with ASTM E 84.
6. Extrusion: Pebble grain finish with EPA registered antimicrobial agent.
7. Retainer: Continuous PVC retainer nominal 0.080 inch (2.03mm) thick.
8. End Caps: Injection molded, of color and texture similar to that of rail.
9. Mounting: Surface mounted with concealed fasteners.
10. Color and Texture: As specified in Division 01 Section "Décor Interior Finishes and Colors.

2.3 IMPACT-RESISTANT WALL COVERINGS

A. Impact-Resistant Sheet Wall Covering: Fabricated from plastic sheet wall-covering material.

1. Basis-of-Design Product: Koroseal Interior Products, LLC; a division of RJF International Corp; Korogard Protective Wall Covering.
2. Size: Manufacturer's standard size.
3. Sheet Thickness: 0.040 inch (10 mm).
4. Color and Texture: Refer to Division 01 Section "Decor Interior Finishes and Colors."
5. Height: As indicated.
6. Trim and Joint Moldings: Manufacturer's standard extruded rigid plastic that matches sheet wall covering color and texture. Provide molding for the following:
 - a. Top trim (J-molding).
 - b. Divider Bar (panel joint).
 - c. Inside corner.
 - d. Outside corner.
7. Mounting: Adhesive.

2.4 ACCESSORIES

- A. Non-shrink, Nonmetallic Grout: Factory-packaged, non-staining, noncorrosive, nongaseous grout complying with ASTM C 1107.
- B. Bumper Fasteners: As recommended by bumper manufacturer.
- C. Impact-Resistant Sheet Wall Covering Adhesive: As recommended by impact-resistant sheet wall covering manufacturer for applicable substrate.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Perform drilling and fitting required for installation; set work accurately in location, alignment and elevation, measured from established lines and levels. Provide anchorage devices and fasteners where necessary for installation to other work.
- B. Install rails in accordance with manufacturer's recommendations.
- C. Install vinyl chair rail on pharmacy waiting area walls to protect walls from chairs.
- D. Install corner guards level, plumb, and true to line without distortions. Do not use materials with chips, cracks, voids, stains, or other defects that might be visible in the finished Work.
- E. Install impact-resistant wallcovering to walls in accordance with manufacturer's written instructions.
 - 1. Allow impact-resistant wallcovering and adhesive to precondition for a minimum of 24 hours at a temperature between 65 degrees F (18 degrees C) and 85 degrees F (29 degrees C) before installation.
 - 2. Install sheets with texture running in the same direction.
 - 3. Remove excess adhesive and layout marks.
 - 4. Install trim and joint moldings per manufacturer's instructions. Apply trim on exposed edges and corners.
 - 5. For outside corners subject to impact traffic, install corner guards as specified in lieu of standard outside corner trim.

END OF SECTION 10 26 00