

SECTION 10 26 23 PROTECTIVE WALL COVERING

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Protective wall panel systems.

1.02 SUBMITTALS

- A. Comply with requirements of Section 01300— Submittals.
- B. Product Data: Submit manufacturer's product data including installation instructions.
- C. Samples: Submit 7" x 9" (177.8mm x 228.6mm) sample of each type, thickness, color, and texture to be installed for Architect's approval.
- D. Certification: Submit manufacturer's certification indicating protective wall panels meet specified requirements.
- E. Maintenance Instructions: Submit manufacturer's maintenance instructions for protective wall panels.

1.03 QUALITY ASSURANCE

- A. Installer Qualifications: Use installer experienced in the installation of protective wall panels on projects of similar size and complexity.

1.04 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging with labels clearly indicating manufacturer and material.
- B. Storage:
 - 1. Store materials indoors in a clean, dry area protected from damage and in accordance with manufacturer's instructions.
 - 2. Maintain storage temperature between 50°F and 100°F.
 - 3. Store materials flat. Do not stand panels on end.
- C. Handling: Protect materials during handling and installation to prevent damage.

1.05 ENVIRONMENTAL REQUIREMENTS

- A. Maintain constant air temperature of 65°F to 75°F for a minimum of 48 hours before installation.
- B. Maintain continuously controlled temperature between 65°F and 75°F during installation.
- C. Do not expose walls to direct sunlight during or after installation.
- D. Do not install if relative humidity is greater than 80%.

PART 2 PRODUCTS

2.01 MANUFACTURER

- A. Koroseal Wall Protection Systems.

2.02 PROTECTIVE WALL PANEL SYSTEM

- A. Koroseal "Korogard's Dimension Series": System shall include Korogard Protective Wallcovering trimmed with Korogard clad three-dimensional moldings with Korogard® acrylic/PVC face bonded to particle board core and backed with a moisture-resistant sheet.

2.03 MATERIALS

- A. Korogard Protective Wallcovering: Rigid high-impact sheet
 - 1. Fire Rating: [Class I/A] [Class II/B] .
 - 2. Thickness: Standard – [.028" (0.7mm)] [.040" (1.0mm)] [.060" (1.5mm)]; Custom – [.080" (2.0mm)] [.125" (3.2mm)]
 - 3. Color: [Solid] [Woodgrain] – Select from manufacturer's standard colors.
 - 4. Style: [Standard] [Beadboard]
 - 5. Texture: Standard – Haircell; Custom – Velour Matte, Level Haircell, Smooth Nap, Cashmere

- B. Korogard Dimension Series Moldings: Top/chair rail, vertical styles, base, and inside/outside corners

- 1. Component Fire Rating: [Class I/A].
- 2. Thickness:
 - a. Korogard Cladding: 0.040" (1.0mm)
 - b. MDF Core: 0.375" (9.5mm) and 0.500" (12.7mm)
- 3. Styles and Sizes: Select from manufacturer's standards.
- 4. Color: Select from manufacturer's wallcovering standards.
- 5. Texture: Select from manufacturer's wallcovering standards.

2.04 ADHESIVES

- A. Furnish adhesives approved by protective wallcovering manufacturer.

2.05 ACCESSORIES

- A. Accessories: Furnish accessories by protective wallcovering manufacturer to ensure accurate match of colors, dimensions, and physical properties.
- B. Caulk: Furnish color-matched caulk by protective wallcovering manufacturer to ensure accurate match of colors.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Inspect wall surfaces to receive protective panel system. Notify the Architect in writing if wall surfaces are not acceptable. Do not begin installation until unacceptable conditions have been corrected.

3.02 SURFACE PREPARATION

- A. Prepare walls in accordance with manufacturer's written instructions.
- B. Remove dust, dirt, grease, oil, loose paint, scale, and existing wallcovering.
- C. Resurface uneven wall surfaces and damaged walls.
- D. Seal walls with white prime seal.

3.03 INSTALLATION

- A. Install protective panel system to walls in accordance with manufacturer's written instructions.
- B. Allow protective panel system and adhesive to precondition for a minimum of 24 hours at a temperature between 65°F and 75°F before installation.

3.04 CLEANING

- A. Clean protective panels in accordance with manufacturer's instructions.
- B. Remove excess adhesive and layout marks immediately following installation.