

SECTION 09 72 00 – WALL COVERINGS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Summary: Section includes furnishing and installing wall coverings of the product selections, pattern match, and roll width as indicated in the Finish Legend on the Drawing and at the locations indicated in the Finish Schedule.

1.3 RELATED WORK

- A. Related Work of Other Sections:
 - 1. Section 06 40 00 – Architectural Woodwork.
 - 2. Section 07 90 00 – Joint Sealants.
 - 3. Section 08 11 13 – Hollow Metal Doors and Frames
 - 4. Section 08 31 00 – Access Doors.
 - 5. Section 09 21 16 – Gypsum Board Assemblies.
 - 6. Section 09 51 00 – Acoustical Ceilings.
 - 7. Section 09 90 00 – Painting and Coating.
 - 8. Division 26 Sections: Electrical devices and coverplates.

1.4 SUBMITTALS

- A. Product Data: Submit product data for each type of product specified. Include data on physical characteristics, durability, fade resistance, description of backing (if any), and flame resistance characteristics.
- B. Samples: Submit samples for initial selection purposes in manufacturer's standard sizes showing full range of pattern and colors.

1.5 QUALITY ASSURANCE

- A. Fire-Test-Response Characteristics: Provide wall coverings and adhesives with the following fire-test-response characteristics as determined by testing identical products applied with identical adhesives to substrates per test method indicated below by UL or another testing and inspecting agency acceptable to authorities having jurisdiction.
 - 1. Surface-Burning Characteristics: As follows, per ASTM E 84:
 - a. Flame-Spread Index: 25 or less.
 - b. Smoke-Developed Index: 450 or less.
 - 2. Fire-Growth Contribution: Textile wall coverings complying with acceptance criteria of UBC Standard 8-2.
 - 3. Fire-Growth Contribution: Textile wall coverings tested according to NFPA 265 and complying with Method A test protocol in IBC 2000, Section 803.5.1.

1.6 PROJECT CONDITIONS

- A. Maintain constant temperature not less than 16°C. in installation areas for at least 10 days prior to and 10 days after installation of wall coverings.

1.7 EXTRA MATERIALS

- A. Furnish extra materials described below, before installation begins, that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
 - 1. Rolls of Wall-Covering Material: Full-size units equal to 5 percent of amount of each type installed.

PART 2 - PRODUCTS

2.1 PRODUCTS AND MANUFACTURERS

- A. Wall Covering: Refer to the Finish Legend and Finish Schedule on the Drawings for product selections, colors, and locations required.
- B. Adhesive: Mildew-resistant, nonstaining, strippable adhesive, for use with specific wall covering and substrate application, as recommended in writing by wall-covering manufacturer.
- C. Primer/Sealer: Refer to Section 09 90 00 – Painting and Coating for mildew-resistant primer/sealer and acceptable to wall-covering manufacturer for intended substrate. Release coat is specified as part of the work of Section 09 90 00.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Acclimatize wall-covering materials by removing from packaging in area of installation not less than 24 hours before application.
- B. Remove switch plates, wall plates, and surface mounted fixtures in areas where wall covering is to be applied.
- C. Prime and seal substrates in accordance with wall covering manufacturer's recommendations for type of substrate. Apply surface sealer to gypsum drywall that will permit subsequent removal of wall covering without damage to gypsum drywall paper facing.
- D. Test substrate with electronic moisture water to verify that surfaces to be covered do not exceed 4% moisture content limitations recommended by wall covering manufacturer.

3.2 INSTALLATION

- A. Place wall covering panels consecutively in the order they are cut from rolls, including filling of spaces above or below openings as required. Hang by reversing alternate strips except on match pattern.

- B. Apply adhesive to back of wall covering and place in accordance with the manufacturer's instructions. Install seams vertically and plumb, and at least 150 mm away from any corner; horizontal seams are not permitted. Overlap seams and double-cut to assure tight closure. Roll, brush, or use a broad knife to remove air bubbles, wrinkles, blisters, and other defects. Cut wall covering evenly to edges of wall penetrations.
- C. Trim selvages as required to assure color uniformity and pattern match at seams.
- D. Remove excess adhesive along finished seams using warm water and a clean sponge, and wipe dry as installation progresses for a neat, uniform appearance. Replace wall covering strips that cannot be cleaned.
- E. Install wall covering with an intimate substrate bond, smooth, clean, without wrinkles, gaps, or overlaps.
- F. Reinstall hardware and hardware accessories, electrical plates and covers, light fixture trims, and similar items.

END OF SECTION 09 72 00