

## SECTION 09720

### WALL COVERINGS

#### PART 1 - GENERAL

##### 1.01 RELATED DOCUMENTS

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

##### 1.02 SUMMARY

- A. This Section includes the following:
  - 1. Vinyl wall covering.
  - 2. Wood veneer wallcovering.
- B. Related Sections include the following:
  - 1. Division 9 Section "Finish Carpentry" for fiberglass reinforced wall panels.
  - 2. Division 9 Section "Painting" for priming wall surfaces for vinyl wall coverings and for finishing natural wood veneer wall covering.

##### 1.03 SUBMITTALS

- A. General: Submit in accordance with Section 01300.
- B. Product Data: For each type of product indicated. Include data on physical characteristics, durability, fade resistance, and flame-resistance characteristics.
- C. Samples for Verification: Full width by 36-inch- long section of wall covering from dye lot to be used for each type of wall covering indicated for each color, texture, and pattern required.
- D. Schedule: For wall coverings. Use same designations indicated on Drawings.
- E. Qualification Data: For Installer of wall coverings.
- F. Maintenance Data: For wall coverings to include in maintenance manuals.

##### 1.04 QUALITY ASSURANCE

- A. Installer Qualifications: Engage an experienced Installer who has completed 5 projects similar in material, design, and extent to that indicated for this Project and with a record of successful in-service performance.
- B. 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.

##### 1.05 PROJECT CONDITIONS

- A. Environmental Limitations: Do not install wall coverings until spaces are enclosed and weatherproof, wet work in spaces is complete and dry, work above ceilings is complete, and ambient temperature and humidity conditions are and will be continuously maintained at the levels indicated for Project when occupied for its intended use.

- B. Lighting: Do not install wall covering until a lighting level of not less than 30 fc is provided on the surfaces to receive wall covering.
- C. Ventilation: Provide continuous ventilation during installation and for not less than the time recommended by wall-covering manufacturer for full drying or curing.

## PART 2 - PRODUCTS

### 2.01 MANUFACTURERS

- A. Products: Subject to compliance with requirements, provide one of the products listed in Part 2 "Wall-Covering Products" Article.

### 2.02 WALL-COVERING PRODUCTS

- A. General: Provide rolls of each type of wall covering from the same run number or dye lot.
- B. Wall Covering, WC-1:
  - 1. Product: Aran Isles; Bolta, a division of MDC Wallcoverings.
    - a. Color: As indicated in Materials Legend.
  - 2. Vinyl Wall-Covering Standards: Provide mildew-resistant products complying with the following:
    - a. FS CCC-W-408 and CFFA-W-101 for Type II, Medium-Duty products.
    - b. Fire Hazard Classification: ASTM E 84.
      - 1) Flame Spread 10, Smoke Development 5.
  - 3. Total Weight: 20 oz/ly.
  - 4. Width: 54 inches.
  - 5. Backing Material: Nonwoven.
- C. MDC Wall Coverings – Natural wood – NFW1021/4709 Bamboo VeneerWall Covering, WC-2:
  - 1. Product: Natural Wood, NFW1021; MDC Wallcoverings.
    - a. Species: Bamboo, No. 4709.
  - 2. Width: 24 inches.

### 2.03 ACCESSORIES

- A. Adhesive: Mildew-resistant, nonstaining, strippable adhesive, for use with specific wall covering and substrate application, as recommended in writing by wall-covering manufacturer.

## PART 3 - EXECUTION

### 3.01 EXAMINATION

- A. Examine substrates and conditions, with Installer present, for compliance with requirements for levelness, wall plumbness, maximum moisture content, and other conditions affecting performance of work.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

### 3.02 PREPARATION

- A. Comply with manufacturer's written instructions for surface preparation.
- B. Clean substrates of substances that could impair wall covering's bond, including mold, mildew, oil, grease, incompatible primers, dirt, and dust.
- C. Prepare substrates to achieve a smooth, dry, clean, structurally sound surface free of flaking, unsound coatings, cracks, and defects.

1. Moisture Content: Verify walls receiving natural veneer wood wall coverings comply with requirements of wood veneer wall covering manufacturer.
2. Gypsum Board:
  - a. Under Vinyl Wall Covering: Prime as directed in Division 9 Section "Painting."
  - b. Under Natural Wood Wall Covering: Prime as part of the work of Section with product specified by wall covering manufacturer.
3. Painted Surfaces: Treat areas susceptible to pigment bleeding.

D. Remove hardware and hardware accessories, electrical plates and covers, light fixture trims, and similar items.

E. Acclimatize wall-covering materials by removing them from packaging in the installation areas not less than 24 hours before installation.

### 3.03 INSTALLATION

A. General: Comply with wall-covering manufacturers' written installation instructions applicable to products and applications indicated, except where more stringent requirements apply.

B. Cut wall-covering strips in roll number sequence. Change roll numbers at partition breaks and corners only.

C. Install strips in same order as cut from roll.

D. Install wall covering with no gaps or overlaps, no lifted or curling edges, and no visible shrinkage.

E. Match pattern **72 inches** above the finish floor.

F. Install seams vertical and plumb at least **6 inches** from outside corners and **3 inches** from inside corners unless a change of pattern or color exists at corner. No horizontal seams are permitted.

G. Fully bond wall covering to substrate. Remove air bubbles, wrinkles, blisters, and other defects.

H. Trim edges and seams for color uniformity, pattern match, and tight closure. Butt seams without any overlay or spacing between strips.

### 3.04 CLEANING

A. Remove excess adhesive at finished seams, perimeter edges, and adjacent surfaces.

B. Use cleaning methods recommended in writing by wall-covering manufacturer.

C. Replace strips that cannot be cleaned.

D. Reinstall hardware and hardware accessories, electrical plates and covers, light fixture trims, and similar items at vinyl wall covering. Hardware and hardware accessories, electrical plates and covers, light fixture trims, and similar items at natural wood veneer wall covering to be installed after wall covering finished under Division 9 Section "Painting."

END OF SECTION