

## SECTION 09 7200

### WALLCOVERING

#### PART 1 GENERAL

##### 1.1 SUMMARY

- A. Work of this Section includes all labor, materials, equipment, and services necessary to complete the wallcovering as shown on the Drawings and/or specified herein.
- B. Related Documents and Sections: Examine Contract Documents for requirements that directly affect or are affected by Work of this Section. A list of those Documents and Sections include, but is not limited to the following:
  - 1. Drawings and general provisions of the Contract, including General and Supplementary Conditions and General Requirements.
  - 2. Section 09 2116 - GYPSUM BOARD ASSEMBLIES.
  - 3. Section 09 9100 - PAINTING.
- C. Extra Materials:
  - 1. Deliver to the Owner sizable remnants for future patching purposes. Also furnish to the Owner one (1) complete roll of each wallcovering used.

##### 1.2 SUBMITTALS

- A. Samples: Before any wallcovering is delivered to the job site, submit to the Architect samples of the full range of colors and patterns of wallcovering available from the selected manufacturer in the quality and type specified. Samples shall be a min. 36" x 36" in size.
- B. Manufacturer's Recommendations: Accompanying the samples, submit to the Architect copies of the manufacturer's current installation recommendations for the material proposed to be furnished and installed under this Section.
- C. A Certificate of Compliance shall be furnished indicating conformance to the specification requirements. This requirement may be waived if fabric and adhesive packages and containers delivered to the job carry labels indicating weight of materials and fire hazard classification.
- D. Maintenance Instructions: Furnish the Owner with a copy of the fabric manufacturer's maintenance instructions. These instructions shall contain recommended cleaning materials, application methods, and precautions to be followed in the use of cleaning materials which may be detrimental to the surface if improperly applied.

##### 1.3 QUALITY ASSURANCE

- A. Qualifications of Installers: For actual cutting and installation of wallcovering, use only thoroughly trained and experienced installers completely familiar with the installation recommendations of the manufacturer of the wallcovering used and completely familiar with the requirements of this work.
- B. Manufacturer's Recommendations: The installation recommendations of the manufacturer of the wallcovering used, when approved by the Architect, shall be the basis for acceptance or rejection of actual installation methods used in this work.
- C. Test Panels: Install three (3) test panels of full usable width, including one corner, in areas

designated by the Architect. Replace test panels which are not acceptable to the Architect until satisfactory installation is achieved.

#### 1.4 PRODUCT DELIVERY, STORAGE AND HANDLING

- A. Deliver and store all wallcovering in undamaged condition as packaged by the manufacturer, with manufacturer's seal and labels intact. Exercise care to prevent damage during delivery, handling and storage. Store all materials flat in a clean, dry area with maintained temperature above 40 deg. F.

#### 1.5 ENVIRONMENTAL CONDITIONS

- A. Wallcovering should be installed only when normal temperature and humidity conditions approximate the same conditions that will exist when the building is occupied.
- B. Areas to receive wallcovering shall be a constant temperature of 70 deg. F. measured at base elevation and shall be maintained for 72 hrs. before, during and 48 hrs. after the application.
- C. Remove wallcovering from its packaging and allow to acclimatize to the area of installation 24 hrs.

### **PART 2 PRODUCTS**

#### 2.1 MATERIALS

- A. Refer to Section 09 0600.
- B. Material shall comply with the following fire hazard classification as determined by ASTM E 84:
  - 1. Flame spread not more than 25.
  - 2. Fuel contributed not more than 15.
  - 3. Smoke developed not more than 25.
- C. Provide Class 2 mildew resistant backing and comply with the requirements of ASTM D 1308 for determining stain resistance.

#### 2.2 ACCESSORIES

- A. Adhesive: Mildew-resistant, nonstaining adhesive, for use with specific wall covering and substrate application indicated and as recommended in writing by wall-covering manufacturer.
  - 1. Adhesives shall have a VOC content of 50 g/L or less.
- B. Primer/Sealer: Mildew resistant, complying with requirements in Section 09 9100 - PAINTING and recommended in writing by primer/sealer and wall-covering manufacturers for intended substrate.
- C. Wall Liner: Nonwoven, synthetic underlayment and adhesive as recommended in writing by wall-covering manufacturer.
  - 1. Adhesives shall have a VOC content of 50 g/L or less.

### **PART 3 EXECUTION**

#### 3.1 INSPECTION

- A. Examine the areas and conditions where the wallcovering is to be installed and correct any conditions detrimental to the proper and timely completion of the work. Do not proceed with the work until unsatisfactory conditions are corrected to permit proper installation of the work.

### 3.2 PREPARATION

- A. Remove wallcovering material from its packaging and allow to acclimatize to the area of installation 24 hrs. before application.
- B. Remove switchplates, wall plates, and surface-mounted fixtures, where wallcovering is to be applied.
- C. Prime and seal substrates in accordance with the wallcovering manufacturer's recommendations for the type of substrate materials to be covered.
- D. Surfaces to receive wallcovering shall be free from grit, loose particles and surface irregularities and shall meet the minimum requirements established by the wallcovering manufacturer. Fill all cracks and holes in gypsum board with patching compound and sandpaper smooth.
- E. Provide tarpaulins, drop cloths and other suitable covers to protect adjacent and underlying surfaces which are likely to be stained, spotted or otherwise marked by wallpaper paste and application operations.

### 3.3 INSTALLATION

- A. Place wallcovering panels consecutively in the order they are cut from rolls, including filling of spaces above or below openings. Hang by reversing alternate strips, except on match patterns.
- B. Apply adhesive to back of wallcovering following adhesive manufacturer's instructions, using roller or paste brush. Install seams vertically and plumb, and at least 6" away from any corner; horizontal seams will not be permitted. Place wallcovering continuously over internal and external corners, going 12" beyond outside corners and 6" at inside corners. 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 wallcovering evenly to the edges of the outlet box or support.
- 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.
- E. Install wallcovering with an intimate substrate bond, smooth, clean, without wrinkles, gaps and overlaps.
- F. Replace removed plates and fixtures to verify cut edges of wallcovering are completely concealed.
- G. Verify that pattern and color are as specified. If pattern is not random, examine for repeat in design.
- H. Hang smooth, non-match patterns by pasting strips on the wall, overlapping the edges, and "Double-Cutting" through both thicknesses. Use a 0.04" or 0.06" zinc or aluminum strip between wall and strip when cutting, to avoid gouging the wall.
- I. Use stiff-bristled brush or flexible board knife to eliminate air pockets and to secure the wallcovering to the wall surface.
- J. Fill spaces above and below doors and similar areas in sequence from the roll, not later than when all full length pieces have been installed.
- K. Examine each seam carefully when completed. Trim additional selvage where required to achieve a color and pattern match at seams.

- L. Apply wallcovering before the installation of plumbing fixtures, casings, bases and cabinets.

3.4 PROTECTION

- A. Protect finished work installed by other trades prior to work under this Section. Replace any work damaged by workmen of this trade without cost to the Owner.

**END OF SECTION**