

SECTION 097200 WALLCOVERING

PART 1 - GENERAL

1.1 GENERAL REQUIREMENTS

- A. Work of this Section, as shown or specified, shall be in accordance with the requirements of the Contract Documents.

1.2 SECTION INCLUDES

- A. The 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.

1.3 RELATED SECTIONS

- A. Gypsum Drywall - Section 092900.
- B. Painting and Finishing - Section 099000.

1.4 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.

1.5 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.

1.6 MAINTENANCE INSTRUCTION

- A. 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.

1.7 EXTRA WALLCOVERING

- A. Deliver to the Owner sizable remnants for future patching purposes. Also furnish to the Owner one (1) complete roll of each wallcovering used.

1.8 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.

1.9 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. Provide vinyl wallcovering as scheduled on the drawings, manufactured by Maharam or approved equal, conforming to ASTM F793, Category V, Type II, weight not less than 20 oz. per sq. yd., with minimum coating (less fabric) 12 oz. per sq. yd.
- B. Material shall comply with the following fire hazard classification as determined by ASTM E84:
 - 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 D1308 for determining stain resistance.

2.2 ACCESSORIES

- A. Adhesive: "Sure Grip Plus Mold and Mildew-Proof Commercial Wall Covering Adhesive" made by The Zinsser Co. Inc. or approved equal.

PART 3 - EXECUTION

3.1 INSPECTION

- A. Examine the areas and conditions where 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 switch plates, wall plates, and surface-mounted fixtures, where wallcovering is to be applied.
- C. Prime and seal substrates in accordance with 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.
- 3.5 CLEAN-UP
- A. Any hardware, accessories, plates, etc., which are removed during wallcovering installation shall be replaced level and square.
 - B. All debris resulting from work covered in this Section shall be removed from the building on a daily basis.

END OF SECTION 097200