

SECTION 09700
WALL COVERINGS

PART 1 - GENERAL

1.1 DESCRIPTION OF WORK

- A. Work Included: Provide labor, materials and equipment necessary to complete the work of this Section, including but not limited to the following:
 - 1. Vinyl wall covering.
 - 2. Wall carpeting.
 - 3. Fiberglass reinforced plastic wall covering.

- B. Related Work: The following items are not included in this Section and will be performed under the designated Sections:
 - 1. Section 00850 – NATIONAL ACCOUNTS for pricing.
 - 2. Section 09260 - GYPSUM BOARD ASSEMBLIES for substrate.
 - 3. Section 09681 - SHEET CARPETING for floor carpeting.
 - 4. Section 09900 - PAINTING for substrate primers.

1.2 SUBMITTALS

- A. Product Data: For each type of product indicated. Include data on physical characteristics, durability, fade resistance, and flame-resistance characteristics.
 - 1. Manufacturers' product data for adhesives, including printed statement of VOC content.

- B. Shop Drawings: Show location and extent of each wall-covering type. Indicate pattern placement, seams and termination points.

- C. Samples for Verification: Full width by 36-inch-long section of wall covering from lot to be used for each type of wall covering indicated for each color, texture, and pattern required.
 - 1. Show complete pattern repeat.
 - 2. Mark top and face of material.

- D. Schedule: For wall coverings. Use same designations indicated on Drawings.

- E. Maintenance Data: For wall coverings to include in maintenance manuals.

1.3 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: Wall coverings complying with acceptance criteria of the local authorities having jurisdiction.

1.4 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 maintained at the levels indicated for Project when occupied for its intended use.
- B. Lighting: Do not install wall covering until a permanent level of lighting 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.

1.5 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. Wall-Covering Material: Two full rolls of each type installed.

PART 2 - PRODUCTS

2.1 WALL-COVERING PRODUCTS

- A. General: Provide rolls of each type of wall covering from the same run number or dye lot.
- B. Vinyl Wall Covering:

1. Products:
 - a. Wolf Gordon G 4803562.
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.
3. Total Weight Excluding Coatings: 20 oz.
4. Width: 54 inches.
5. Colors, Textures, and Patterns: CBE 5-1100 Caribe Antique White 54” W WC. Refer to Finish Schedule.

C. Wall Carpeting:

1. Products:
 - a. Distributed by D.L. Couch Wallcovering, New Castle, IN 47362; tel. 800-433-0790; www.dlcouch.com.
 - b. Colors, Textures, and Patterns: Series: Waterbrush, AWB-05 Basilica
2. Refer to Finish Schedule.

D. Fiberglass Reinforced Plastic Wall Covering:

1. Products:
 - a. Glasbord-P with Surfaseal (Class C), by Kemlite Company, Inc., Joliet, IL 60434; 1.800.435.0080; www.kemlite.com
 - b. Fire-X Glasbord with Surfaseal (Class A), by Kemlite Company, Inc., Joliet, IL 60434; 1.800.435.0080; www.kemlite.com
Note: Provide class A only where required by code.
2. Thickness: 3 /32 inches.
3. Width: 48 inches.
4. Colors, Textures, and Patterns: Refer to Finish Schedule.

2.2 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[, and with a VOC content of 50 g/L or less when calculated according to 40 CFR 59, Subpart D (EPA Method 24).

- B. Primer/Sealer: Mildew-resistant primer/sealer complying with requirements in Section 09900 - PAINTING, and recommended in writing by wall-covering manufacturer for intended substrate.
- C. Seam Tape: As recommended in writing by wall-covering manufacturer.
- D. Plastic Moldings and End Caps: As recommended in writing by wall-covering manufacturer. Color to match wall-coverings.

PART 3 - EXECUTION

3.1 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.

3.2 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: Maximum of 5 percent on new plaster, concrete, and concrete masonry units when tested with an electronic moisture meter.
 - 2. Plaster: Allow new plaster to cure. Neutralize areas of high alkalinity.
 - 3. Metals: If not factory primed, clean and apply metal primer.
 - 4. Gypsum Board: Prime with primer recommended by wall-covering manufacturer.
 - 5. Painted Surfaces: Treat areas susceptible to pigment bleeding.
- D. Check painted surfaces for pigment bleeding. Sand gloss, semigloss, and eggshell finishes with fine sandpaper.
- E. Remove hardware and hardware accessories, electrical plates and covers, light fixture trims, and similar items.
- F. Acclimatize wall-covering materials by removing them from packaging in the installation areas not less than 24 hours before installation.

3.3 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.
- C. Install strips in same order as cut from roll, unless indicated otherwise.
- 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. Fully bond wall covering to substrate. Remove air bubbles, wrinkles, blisters, and other defects.
- G. Trim edges and seams for color uniformity, pattern match, and tight closure. Butt seams without any overlay or spacing between strips.
- H. Install all related trim, moldings, end caps, and installation accessories.

3.4 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.

END OF SECTION