
SECTION 09 72 10

VINYL-COATED FABRIC WALL COVERING

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes: Provide adhesive applied vinyl-coated fabric wall coverings with accessories as required for complete finished installation.
- B. Related Sections:
 - 1. Section 09 77 20: Fabric wrapped panels.
 - 2. Section 09 77 30: Fiberglass wall panels.

1.2 REFERENCES

- A. Federal Specification CCC-W-408: Wall Covering, Vinyl Coated.

1.3 ADMINISTRATIVE REQUIREMENTS

- A. Schedule installation of wall covering as late in construction schedule as possible to prevent damage during construction.

1.4 SUBMITTALS

- A. Product Data: Furnish manufacturer's literature.
- B. Samples: Furnish samples of vinyl wall covering.
- C. Maintenance Instructions: Furnish manufacturer's recommended cleaning materials and application methods, including precautions in use of cleaning materials which may be detrimental to surfaces.

1.5 QUALITY ASSURANCE

- A. Sustainability Requirements: Comply with CALGreen requirements including those relative to finish material pollution control for adhesives, sealants, and caulks.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Store wall covering in clean and dry area where temperatures are maintained at not less than 40 degrees F with normal humidity.
 - 1. Do not store in upright position.
- B. Take precautionary measures with adhesives and solvents to prevent fire hazards.

1.7 SITE CONDITIONS

- A. Maintain surfaces and materials at minimum 60 degrees F three days before and during application period.
- B. Ensure maximum surface moisture conforms to wall covering manufacturer's requirements and surface exhibits negative alkalinity.
- C. Provide continuous ventilation during work and after installation of wall covering.

PART 2 - PRODUCTS**2.1 SYSTEMS MANUFACTURERS**

- A. Koroseal Division RJF International Corp./Koroseal or Vicrtex Vinyl Wallcovering.
- B. J. Josephson, Inc./Genon Vinyl Wallcoverings.
- C. Versa Wallcovering/Versa Vinyl Wallcoverings.
- D. Substitutions: Refer to Section 01 25 00.

2.2 MATERIALS

- A. System Description: Provide adhesive applied vinyl-coated fabric wall coverings with accessories.
- B. Regulatory Requirements, Fire Ratings:
 - 1. Maximum Flame Spread/Smoke Developed: ASTM E84, 25/450.
- C. Vinyl Wall Covering: Conform to CCC-W-408 Type II, medium duty quality; Class 2 mildew resistant, with cloth backing; paper backing is not acceptable.
 - 1. Color/Finish: As indicated, as selected by Architect from manufacturer's full range of colors, finishes, and textures where not otherwise indicated.
 - 2. Special Finish: Provide minimum 0.005" thick DuPont/Tedlar finish.
- D. Adhesive: Nontoxic type recommended by wall covering manufacturer to suit application.
- E. Primer: Provide non-staining, non-toxic release coat primer as recommended by wall covering manufacturer.
 - 1. Provide primer which allows removal of wall covering from gypsum board without damaging paper facing of board, and without premature separation of wall covering from wall.

PART 3 - EXECUTION**3.1 EXAMINATION**

- A. Ensure surfaces to receive wall covering are clean, true and free of irregularities, do not commence with work until surfaces are satisfactory.
- B. Ensure wall surface flatness tolerance does not vary more than 1/8" in 10'-0", nor vary at a rate greater than 1/16" per running foot.

3.2 PREPARATION

- A. Fill nicks, gouges and other minor imperfections of substrates with latex filler; sand smooth, flush with surface.
 - 1. Apply prime coat in accordance with manufacturer's recommendations.
- B. Wash down painted surfaces with tri-sodium phosphate, rinse with clear water; open up glossy surfaces with rough sandpaper for bond then seal; remove bleeding paint, flaky paint or wood stain.
- C. Remove rust, dirt and grease from metal surfaces, prime with recommended metal primer.
- D. Fill in nicks, gouges and other minor imperfections of wood surfaces with patching plastic; follow with coat of sealer recommended by wall covering manufacturer.

3.3 APPLICATION

- A. Handle and apply wall covering in accordance with manufacturer's recommendations and installation instructions.
- B. Mix and apply adhesive in accordance with adhesive manufacturer's recommendations.
- C. Use panels in exact order as cut from rolls; use rolls in consecutive order as numbered by manufacturer.
 - 1. Hang smooth, non-match patterns by applying strips on the wall, overlapping the edges and double cutting through both thicknesses.
 - 2. Patterns and Textures: Where used, trim deeply textures and patterns on a flat work table to match textures and patterns from piece to piece.
- D. Apply secure, smooth, clean, and without wrinkles, gaps or overlaps; eliminate air pockets and ensure full bond to wall surface.
- E. Horizontal seams and cutting at corners are not acceptable; cut no closer than 2" of an inside corner, and not closer than 6" of an outside corner.
- F. Fill in spaces above and below windows, above doors and similar areas in sequence from roll.

- G. Remove excess adhesive from each seam before proceeding to next; wipe seam clean with dry cloth towel.
- H. Install wall covering before installation of plumbing, bases, hardware, and similar accessories.

3.4 CLEANING

- A. Clean wall coverings of adhesives, dust, dirt and other contaminants.
- B. Remove debris and leave areas neat and clean.
- C. Replace accessories.

END OF SECTION