SECTION 09 72 16
VINYL-COATED FABRIC WALL COVERINGS

PART 1 - GENERAL

1.1 DESCRIPTION

Section specifies vinyl coated fabric wallcovering and installation.

1.2 RELATED WORK

A. Color, pattern, type, direction of hanging and areas to receive wallcovering: Section 09 06 00, SCHEDULE FOR FINISHES.

1.3 SUBMITTALS

A. Submit in accordance with Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES.

B. Samples:

1. Each type and pattern as specified in Section 09 06 00, SCHEDULE FOR FINISHES.
2. Size: Full width of mill run.

C. Manufacturer's Certificates:

1. Compliance with CFFA W-101D.
2. Wallcovering manufacturer's approval of adhesive.

D. Manufacturer's Literature and Data:

1. Primer and adhesive.
2. Installation instructions.
3. Maintenance instructions, including recommended materials and methods for maintaining wallcovering with precautions in use of cleaning material.

1.4 DELIVERY, STORAGE AND HANDLING

A. Deliver in original unopened containers bearing the manufacturer's name, brand name, and product designation.

B. Store in accordance with manufacturer's instructions.

C. Handle to prevent damage to material.

1.5 APPLICABLE PUBLICATIONS

A. Publications listed below form a part of this specification to the extent referenced. Publications are referenced in the text by the basic designation only.

B. Chemical Fabrics and Film Association, Inc., (CFFA):
2575-96(R2011).....Vinyl Coated Fabric Wallcovering

C. American Society for Testing and Materials (ASTM)
G21-09.....Determining Resistance of Synthetic Polymeric Materials to Fungi

PART 2 - PRODUCTS

2.1 VINYL COATED FABRIC WALLCOVERING

A. Comply with CFFA-2575.

B. Fungi Resistance: ASTM G21, rating of 0.

C. Factory-applied clear delustered polyvinyl-fluoride (PVF) coating:

1. Minimum 0.0125 mm (1/2 mil) thickness.
2. Do not include PVF coating weight in minimum total weight.
3. Fire hazard classification with PVF coating: Class A unless specified otherwise.

D. Type II (Medium Duty).

2.2 ADHESIVE

A. Use only water-based adhesive having volatile organic compounds not more than 50 g/l.

B. Vermin and mildew resistant.

PART 3 - EXECUTION

3.1 JOB CONDITIONS

A. Temperatures:

1. Do not perform work until surfaces and materials have been maintained at minimum of 60 °F. for three days before work begins.
2. Maintain minimum temperatures of 60 °F. until adhesives are dried or cured.

B. Lighting:

1. Do not proceed unless a minimum lighting level of 15 candlepower per square foot occurs.
2. Measure light level at mid-height of wall.

C. Ventilation:

1. Provide uniform continuous ventilation in space.
2. Ventilate for a time for not less than complete drying or curing of adhesive.

D. Protect other surfaces from damage which may be caused by this work.

E. Remove waste from building daily.

3.2 SURFACE CONDITION

A. Inspect surfaces to receive wallcoverings to assure that:

1. Patches and repairs are completed.
2. Surface are clean, smooth and prime painted.

B. Do not proceed until discovered defects have been corrected by other trades and surfaces are ready to receive wallcovering.

C. Carefully remove electrical outlet and switch plates, mechanical diffusers, escutcheons, registers, surface hardware, fittings and fastenings, prior to starting work.
D. Carefully store items for reinstallation.

3.3 APPLICATION OF ADHESIVE

A. Mix and apply adhesives in accordance with manufacturer's directions.
B. Prevent adhesive from getting on face of wallcovering.
C. Apply adhesive to wallcovering back.

3.4 WALLCOVERING INSTALLATION

A. Use wallcovering of same batch or run in an area. Use fabric rolls in consecutive numerical sequence of manufacture.
B. Install material completely adhered, smooth, clean, without wrinkles, air pockets, gaps or overlaps.
C. Extend wallcovering continuous behind non-built-in casework and other items which are close to but not bolted to or touching the walls.
D. Install wallcovering before installation of resilient base. Extend wallcovering not more than 6 mm (1/4 inch) below top of resilient base.
E. Install panels consecutively in order in which they are cut from the roll including filling spaces above or below windows, doors, or similar penetrations.
F. Do not install horizontal seams.
G. Except on match patterns, hang fabric by reversing alternate strips, except as recommended by the manufacturer.
H. Cutting:
   1. Cut on a work table with a straight edge.
   2. Joints or seams that are not cut clean are unacceptable.
   3. Trim additional selvage to achieve a color and pattern match at seams. Overlapped seams are not allowed.
   4. Do not double cut seams on wall unless specified.
   5. If double cutting on the wall is necessary, place a three inch strip of Type I wallcovering under pasted edge.
      a. Do not cut into wall surface.
      b. After cutting, remove strip and excess adhesive from seam before proceeding to next seam.
      c. Smooth down seam in adhesive for tight bond and joint.
I. Trim strip-matched patterns, which are not factory pre-trimmed.
J. Inside Corners:
   1. Wrap wallcovering around corner.
   2. Do not seam within 50 mm (2 inches) of inside corners.
   3. Double cut seam.

K. Outside Corners:
   1. Wrap wallcovering around corner.
   2. Do not seam within 150 mm (6 inches) of outside corners.
   3. Double cut seam.

3.5 PATCHING

A. Replace surface damaged wallcovering in a space as specified for new work:
   1. Replace full height of surface.
   2. Replace from break in plane to break in plane when same batch or run is not used. Double cut seams.
   3. Adjoining differential colors from separate batches or runs are not acceptable.

B. Correct loose or raised seams with adhesives to lay flat with tight bonded joint as specified for new work.

3.5 CLEANING AND INSTALLING TEMPORARY REMOVED ITEMS

A. Remove adhesive from wallcovering as work proceeds.

B. Remove adhesives where spilled, splashed or splattered on wallcoverings or adjacent surfaces in a manner not to damage surface from which it is removed.

C. Reinstall previously removed electrical outlet and switch plates, mechanical diffusers, escutcheons, registers, surface hardware, fittings and fastenings.

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