SECTION 09950
WALL COVERINGS

PART 1 - GENERAL

1.1 SUMMARY:

A. Section Includes:
   1. Vinyl wall coverings.
   2. Application.

B. Related Sections:
   1. Section 09900 - Painting.

1.2 SUBMITTALS:

A. Samples:
   1. Furnish three 12" x 12" samples of each color and pattern.
   2. Acceptance of vinyl wall covering material shall be contingent upon Architect's approval of samples.

B. Maintenance Instructions:
   1. Furnish the Owner, through the Architect, a copy of the vinyl wall covering manufacturer's maintenance instructions.

C. VOC Limits:
   1. **LEED EQc4: Low-Emitting Materials**
      Provide documentation from the manufacturer identifying the VOC and chemical component limits for all interior adhesives.

1.3 QUALITY ASSURANCE:

A. Applicator Qualification:
   1. Installation shall be by an experienced applicator approved by the manufacturer of the material supplied.
   2. Applicator shall have minimum one of year experience.

B. Regulatory Requirements:
   1. Fire hazard classifications for all materials specified in this Section shall be as determined by Tables 42-A and 42-B of the Uniform Building Code.

C. Physical Properties:
1. Adhesion of Vinyl Film: Minimum of 3 lbs. per sq. in. when tested in accordance with ASTM D751.

D. Vinyl wall covering shall be delivered to the job in sealed packages with testing laboratory certification on each package.

E. Sample Panel:
   1. Install sample panel of full roll width by ceiling height of vinyl wall covering.
   2. Location of sample panel will be designated by the Architect.
   3. Sample panel shall conform to appearance and workmanship standards required for the project.
   4. Sample panel found deficient by specification standard or application procedures shall be replaced.
   5. The approved sample panel shall be the standard of quality for the project.

F. Certification:
   1. Furnish an affidavit that all materials comply with specification requirements.

1.4 ENVIRONMENTAL CONDITIONING:
   A. Wall covering shall be installed under normal temperature and humidity conditions that will exist when the building is occupied.
   B. Area to receive wall covering shall be kept at a constant temperature of 70 degrees F. measured at base elevation.
   C. Temperature shall be maintained for 72 hours before, during and 48 hours after the application.
   D. Remove wall covering from its packaging and allow to acclimatize to the area of installation 24 hours before application.

1.5 EXTRA MATERIAL:
   A. Provide 5 lineal yards of full width material of each pattern and color except in the case of accent colors, and then the design consultant should recommend the appropriate quantities.

PART 2 - PRODUCTS

2.1 MATERIALS:
   A. Vinyl Fabric: Provide only Type II or III fabrics per FS CCC-W-408A.
B. Adhesive:
   1. Heavy bodied water soluble paste manufactured expressly for use with the vinyl coated fabric furnished for installation.
   2. Adhesive shall contain a mildew inhibitor.
   3. Contact cement.
   4. **LEED EQc4: Low-Emitting Materials**
      All Adhesives must meet or exceed the VOC and chemical component limits of South Coast Air Quality Management District Rule #1168.

C. Primer-sealer:
   1. As recommended by the manufacturer.
   2. **LEED EQc4: Low-Emitting Materials**
      All sealants must meet or exceed the VOC and chemical component limits of South Coast Air Quality Management District Rule #1168 and sealants used as fillers must meet the Bay Area Air Quality Management District Regulation 8, Rule 51 requirements.

PART 3 - EXECUTION

3.1 CONDITION OF SURFACES:

A. Gypsum drywall shall have following preparatory work:
   1. Recess nails and screws.
   2. Tape and float joints, nail and screw depressions.
   3. Sand, dust and prime with 1 coat of primer-sealer.

3.2 PREPARATION:

A. Examine all substrate surfaces and correct defects before beginning work.

B. Complete all other trade work that penetrates the substrate before beginning wall covering installation.

C. Starting work shall indicate acceptance of a suitable substrate surface.

3.3 INSTALLATION:

A. Installation Sequence:
   1. Use fabric covering rolls in consecutive numerical sequence of manufacture.
2. Place wall covering consecutively in exact order they are cut from the roll, including filling all spaces above or below windows, doors or similar penetrations.

3. Hang wall covering by reversing alternate strips, except on match patterns.

B. Wrap vinyl 6" beyond inside and outside corners; no cutting at corners permitted.

C. No horizontal seams will be permitted.

D. Place wall covering before the installation of plumbing fixtures, cabinets and similar items.

END OF SECTION 09950