

SECTION 09720

VINYL WALLCOVERING SYSTEM

Part 1: General

1.1 Scope

Furnish a vinyl wallcovering as specified in the contract documents.

1.2 Sample

Submit a sample of each type and color to be installed for the architect's approval.

1.3 Certificate of Compliance

Submit manufacturer's certification that wallcovering furnished meets or exceeds the Interior Designer's specification requirements.

1.4 Warranties

Furnish a written warranty against defective workmanship that may develop within one (1) year from date of installation and 5 years against manufacturing defects.

1.5 Product Delivery, Storage and Handling

Deliver vinyl wallcovering and adhesive to the job site in unbroken or undamaged containers and clearly marked with the supplier's identification label. Store vinyl wallcoverings in a flat position to avoid damage to rollends. Store materials in a clean, dry storage area with temperature maintained above 55° F with normal humidity. DO NOT CROSS STACK THIS MATERIAL.

1.6 Project Conditions

Areas where wallcovering will be installed shall have a constant minimum temperature of not less than 60° F for at least seven days prior to and throughout installation period and for seven days thereafter.

Part 2: Products

2.1 Vinyl Wallcovering

Shall meet Federal Specification CCC-W-408A and the CFFA-W-101-D Quality Standard for Vinyl Coated Fabric Wallcovering. The wallcovering Type I, Type II or Type III desired shall be specified. The vinyl wallcovering shall contain mildew inhibitors.

2.2 Burning Characteristics

The manufacturer shall certify at the time of shipment that the materials furnished meet the published flame spread and smoke development Fire Hazard Classification Rating(s) of those products when tested according to ASTM-E84 Tunnel Test.

2.3 UL Label

All products shall be UL labeled assuring complete compliance with all specifications and requirements through continuous inspection by UL inspectors.

2.4 Fire Detection Characteristics

The vinyl wallcovering, when available, shall contain the Early Warning Effect formulation which provides early warning to potential fire conditions. The vinyl wallcovering shall contain thermoparticulating ingredients which, when heated to approximately 300° F emit a colorless, odorless vapor that activates ionization smoke detectors when installed according to manufacturer's specifications. Evidence of the Early Warning Effect shall be based on the ASTM E603 standard guide for room fire experiments.

2.5 Protective Coatings

The vinyl wallcovering shall have a protective coating applied to its surface to minimize migration of stains into the vinyl and therefore, offer stain protection from a variety of staining agents and provide greater ease of cleanability.

2.6 Adhesive

The adhesive used must be the manufacturer's recommended adhesive and must contain mildew inhibitors.

2.7 Primers

The primer used must be the manufacturer's recommended primer.

Part 3: Execution

3.1 Inspection

- A. The installer shall inspect all areas and conditions under which vinyl wallcoverings are to be installed. The installer shall notify the contractor and architect in writing of any conditions detrimental to the proper and timely completion of the installation; work will proceed only when conditions have been corrected and accepted by the installer.
- B. Substrate shall be checked with a suitable "Moisture Meter." Moisture shall not exceed 4%.

3.2 Surface Preparation

- A. Wall surfaces shall be free from defects and imperfections that could show through the finished covered surface.
- B. Sand-finished plaster shall be smoothed, cinder or cement blocks shall be plastered, or otherwise rendered smooth, and old wallcoverings shall be removed.
- C. For new drywall construction, the manufacturer's recommended primer should be used before application of wallcovering for ease of future removal when redecorating.
- D. Glossy surfaces shall either be sanded to a dull surface, or a coat of manufacturer's recommended primer applied prior to installation of wallcovering.
- E. If there is any evidence of mildew, it must be removed, and the wall surface treated to inhibit further mildew growth.
- F. All painted surfaces should be evaluated for the possibility of pigment bleed-through. If there is any possibility, a coat of sealer, recommended by manufacturer, should be applied before application of the wallcovering.

- G. Do not install vinyl wallcovering over oil-based wood stains as a bleed-through may occur.

3.3 Installation

- A. Wallcovering shall be installed by experienced workers and contractors in strict accordance with the manufacturer's printed instructions using vinyl wallcovering adhesive recommended by the manufacturer (WHEAT PASTE SHALL NOT BE USED). It is absolutely imperative that the installer read the manufacturer's instruction sheet in each roll before installing the vinyl wallcovering. Permanent building lights shall be available for installation.
- B. The installer, before cutting, shall examine pattern and color and determine that they are the correct pattern and color as specified.
- C. Installer shall install each roll in sequence starting with largest roll number and each strip in same sequence as cut from roll. If the pattern is not random, examine for repeat design. Some patterns should be lined up, matched, or reversed for best results. If necessary, trim selvage deep enough to assure color uniformity.
- D. After application of three strips, an inspection should be made and if there are any variations in color or pattern which are felt to be excessive, the wallcovering distributor or manufacturer's representative should be notified for his inspection before any further wallcovering is installed.
- E. Always bring material six (6) inches around inside and outside corners being sure to fur into corners to avoid bridging or spanning.
- F. The wallcovering should be smoothed to the hanging surface with a stiff bristled sweep brush or a flexible broad-knife to eliminate air bubbles.
- G. Remove excess adhesive along finished seam immediately after each wallcovering strip is applied. Use of clean, warm water, a natural sponge and clean towels are recommended for this use. It is very important to change water often to maintain cleanliness.

3.4 Clean-up Completion

Upon completion of work, remove surplus materials, rubbish, and debris, resulting from the wallcovering installation. Leave areas in neat, clean, and orderly condition.

END OF SECTION 09720