



1. GENERAL

1.1 Summary

Contractor shall furnish, install and finish environmentally friendly wallcovering as specified in the contract documents.

1.2 Sample

Contractor shall submit for the architect's approval - a sample of each texture, type or color (where applicable) to be installed.

1.3 Compliance

Submit certification that the manufacturer's wallcovering meets the architect's specifications. Submit documentation that the manufacturer's wallcovering is fire rated Class "A".

1.4 Warranty

Contractor will supply the manufacturer's written warranty against defects in workmanship for 5 years from date of installation. Submit manufacturer's written warranty.

1.5 Delivery, Storage & Handling

All necessary materials for installation including wallcovering, primer and adhesives must be delivered to the job site undamaged. All containers are to be clearly marked with the manufacturer's identification label. Store vinyl wallcovering rolls horizontally and materials in a clean, dry area where temperature and humidity remain constant and within the manufacturer's specifications.

1.6 Project Conditions

Environmental conditions must remain constant and over 65°F for at least four days before and throughout the installation and 4-7 days thereafter. Walls shall be finished to the Architect's specification and be free of surface defects and dirt. The Contractor for the installation process must provide sufficient lighting and access.

2. PRODUCTS

2.1 Type II PVC-Free Wallcoverings

(a) All PVC-Free wallcoverings specified and installed shall meet the latest physical requirements as detailed in Federal Specification CCC-W-408-D for Type II Wallcovering.

(b) All wallcoverings shall be permeable and breathable and tested according to the Wet Cup test (ASTM E96) scoring a minimum of 60 perms for mold and mildew resistance.

(c) Wallcovering shall be low voc emitting and meet California Section IAQ 1350 for air quality.

(d) Wallcovering must be recyclable and eligible for LEED credits 4.1, 4.2 (+30% post consumer recycled material) and/or LEED v4 credits.

2.2 Flame & Smoke Characteristics

(a) The manufacturer shall certify that the PVC-free wallcovering supplied meets Federally specified limits for flame, smoke development and flash over according to the required

(b) ASTM-E84 and meet NFPA-101 criteria.

2.3 Environmental - All Versions

(a) Manufactured without the use of Brominated Flame retardants.

(b) Meets California CDPH Standard for Schools and Offices

(c) Tested per CA-1350

(d) WA Certified NSF/ANSI 342 Sustainability Standard

(e) EPD

(f) HPD

(g) Contributes to Leed v4

(h) Phthalate-Free Formulation

(i) Prop 65 Compliant

2.4 Test Accreditation

(a) All product testing for compliance with Federal Specifications shall be performed and evaluated by one or more of the following independent and accredited testing companies:

(a.1) Intertek Testing Services NA, Inc.

(a.2) Underwriters Laboratories

(a.3) Omega Point Laboratories, Inc.

(a.4) American Flamecoat Testing

(a.5) Vartest Laboratories

2.5 Adhesives & Primers

It is recommended to use Adhesives and Primers designed for permeable wallcoverings. Adhesives and Primers must contain mildew inhibitors. See manufacturer's recommendations for commercially available products.

3. EXECUTION

3.1 Inspection

(a) The Contractor shall provide a complete copy of ASI Wall Solutions current Hanging Instructions to the installer pertaining to the installation of the wallcovering. All installations must conform to manufacturer's current installation instructions and product technical information.



(b) All labels shall be checked for accuracy by the installer to insure that the shipment is received as ordered.

(c) If no defect is evident before installation, the material should be inspected after three (3) panels are installed. If any defect is evident at this time (or any point of the installation) no further material should be applied and Contractor should be contacted IMMEDIATELY.

3.2 Surface Preparation

(a) All hanging surfaces must be clean, smooth, dry, undamaged, free of mold, mildew, grease or stains, and structurally intact. All loose paint and other wallcoverings must be removed. For best appearance, walls should be finished to a level 5 finish. Any imperfections in the wall surface will telegraph through the wallcovering.

(b) Any mold or mildew MUST be removed from walls and hanging surfaces prior to installation.

(c) Proper surface preparation is key to getting great results. To prepare the surface properly, we recommend that walls are clean and smooth to a level 5 finish.

(d) Newly painted surfaces should cure for 2-6 weeks prior to installation, depending on manufacture of paint applied.

(e) Do not install wallcovering unless a temperature above 65°F. is maintained in both areas of installation and storage for 48 hours prior to installation.

(f) Use only a lead pencil for marking walls and back of wallcovering. Do not use a ballpoint or marking pen, they will bleed through the surface.

3.3 Installation

(a) If the application is a textured or non-matched wallcovering pattern, reverse hanging of alternate panels is required to ensure color continuity from strip to strip. If the application is a mural it is recommended that every other panel is rotated 180° when printing to minimize the side-to-side color shift that may occur with each printer.

(b) Determine whether the pattern match is random, straight across, or drop match. Measure the wall height, allowing for pattern match, add 4 inches, and then cut the wallcovering. It will overlap onto the ceiling and the base approximately 2 inches. Apply the recommended adhesive to the back using either a pasting machine or a paint roller. Work the adhesive in, to cover the back completely, especially near the edges. Fold each end toward the middle, pasted sides together, aligning the edges carefully so they do not dry out. CAUTION: Do not crease wallcovering. Allow to "relax" for ten minutes (booking). This will allow the adhesive to penetrate the wallcovering fabric, which is important to a successful installation.

(c) With all directional patterns, it is important to line up patterns at eye level allowing any drift in lineup to runoff ceiling and floor. The standard allowance is one quarter of an inch up or down. If pattern is lined up at the ceiling the pattern will begin

misalignment sooner and the gap will be larger. Also, most patterns will be viewed at eye level therefore it is that area that needs to look aligned. If there are any questions about pattern lineup, contact supplier. Be sure first drop of wallcovering is square on wall by plumbing the wall and using a level.

(d) Avoid burnishing the face of the material. Use a wallcovering brush or a plastic scraper to smooth the wallcovering onto the wall. For optimal durability we recommend the use of a liquid topcoat to protect the surface of the wallcovering pattern from stain and abrasion.

(e) Do not rub. Do not allow vinyl adhesive to dry on surface as it may leave a white residue. Wash off excess paste from face of wallcovering as you hang it with a cellulose sponge. The cellulose sponge must be rinsed in clean water after every use. Blot dry with a clean cloth.

(f) Place the second strip to the edge of the first strip. Tape seams before overlapping and double cutting to avoid getting adhesive on the wallcovering. If paste does get on the vinyl, clean it off immediately with clean warm water and blot dry with a clean lint less towel. Use a soft bristle brush to wash the ceiling and the baseboard to remove any paste residue. Do not leave any overlap on the seams since vinyl will not adhere to itself. Seams should be vertical, have a tight fit, and be free from air and paste bubbles. Seams should not be located closer than 6" to corners.

(g) After three panels are smoothed to wall surface and excess paste removed, examine the installed panels for color uniformity. Any objectionable variations in colormatch, pattern match, etc, should be immediately communicated to the printer for inspection before proceeding further with installation.

(h) E. After installation, the walls and wallcovering should be monitored for potential moisture or vapor infiltration or accumulation. Any such infiltration/accumulation after installation must be promptly eliminated in order to reduce the risk of mold/mildew growth.

3.4 Clean Up & Completion

Upon completion of work, remove all surplus material and debris from work site. All work sites must be clean and orderly upon installation crew departure.