



## 1. GENERAL

---

### 1.1 Summary

- A. Contractor shall furnish, install and finish a PVC-free pressure-sensitive adhesive (PSA) backed wallcovering as specified in the contract documents.

### 1.2 Sample

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

### 1.3 Compliance

- A. 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

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

### 1.5 Delivery, Storage & Handling

- A. All necessary materials for installation including wallcovering 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 manufacturers specifications.

### 1.6 Project Conditions

- A. Environmental conditions should be a minimum of 50°F at time of installation and should remain constant and over 65°F for at least 4-7 days thereafter. Walls shall be finished to the Architect's specification, or a recommended level 5 finish, for best results. Any newly painted surfaces should cure for 2-6 weeks prior to installation. Surface and surrounding areas must be clean and free from dust and/or debris. An adhesion test is recommended prior to installation. The Contractor for the installation process must provide sufficient lighting and access.

## 2. PRODUCTS

---

### 2.1 PVC-Free Self-Adhesive Wallcoverings

- A. All PVC-free self-adhesive wallcovering specified and installed shall meet the following specifications:
- B. Commercial-grade pressure-sensitive adhesive backed vinyl wallcovering
- C. Contain no PVC
- D. Minimum thickness of 5 mil or .005 in.

### 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 ASTM-E84 criteria.

### 2.3 Environmental

- A. Self-adhesive wallcovering shall meet the following specifications:
  - 1. PVC Free

- 2. Does not exceed Maximum Concentration Values (MCVs) for Phthalates & Lead
- 3. Low VOC Emitting
- 4. American Flamecoat Testing
- 5. Vartest Laboratories

### 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:
  - 1. Intertek Testing Services NA, Inc.
  - 2. Underwriters Laboratories
  - 3. Omega Point Laboratories, Inc.
  - 4. American Flamecoat Testing
  - 5. Vartest Laboratories

## 3. EXECUTION

---

### 3.1 Inspection

- A. Installation of pressure-sensitive adhesive-backed wallcovering is a unique process that should only be performed by either 3M, Eco-Lomella or Lomella Certified Installers. The Contractor shall provide a complete copy ASI Wall Solutions' current Installation 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 below a temperature of 50°F. For proper adhesion, temperature should remain consistently over 65°F.

### 3.3 Installation

- A. Installation of pressure-sensitive adhesive-backed wallcovering is a unique process that should only be performed by either 3M, Eco-Lomella or Lomella Certified Installers, who have been properly instructed on specific installation best practices.

### 3.4 Clean Up & Completion

- A. 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.