

**09 72 00**

**WALL COVERINGS**

**PART 1 - GENERAL**

**1.1 PURPOSE**

- A. This guideline is intended to provide useful information to the Professional Service Provider (PSP) to establish a basis of design. PSP is to apply the principles of this section such that the University of Texas at Arlington (UTA) may achieve a level of quality and consistency in the design and construction of their facilities. Deviations from these guidelines must be approved by UTA and may require justification through Life Cycle Cost (LCC) analysis and submitted to UTA for approval.

**1.2 LESSONS LEARNED AND DESIGN CONSIDERATIONS**

- A. **No vinyl wallcovering on interior face of exterior walls.**

**1.3 SECTION INCLUDES**

- A. Surface preparation and prime painting.
- B. Wall covering.
- C. Acoustical carpeting installed as wall covering.

**1.4 RELATED REQUIREMENTS**

- A. Division 01 - Volatile Organic Compound (VOC) Content Restrictions.

**1.5 REFERENCE STANDARDS**

- A. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials; current edition.

**1.6 SUBMITTALS**

- A. See Division 01 for submittal procedures.
- B. Product Data: Provide data on wall covering and adhesive.
- C. Samples: Submit two samples of wall covering, 12 by 12 inch in size illustrating color, finish, and texture.
- D. Manufacturer's Installation Instructions: Indicate special procedures.

**1.7 QUALITY ASSURANCE**

- A. Manufacturer Qualifications: Company specializing in manufacturing the type of products specified in this section with minimum ten years of documented experience.
- B. Installer Qualifications: Company specializing in performing the type of work specified in this section with minimum five years of experience.

**1.8 DELIVERY, STORAGE, AND HANDLING**

- A. Inspect roll materials at arrival on site, to verify acceptability.
- B. Protect packaged adhesive from temperature cycling and cold temperatures.
- C. Do not store roll goods on end.

**1.9 FIELD CONDITIONS**

- A. Do not apply materials when surface and ambient temperatures are outside the temperature ranges required by the adhesive or wall covering product manufacturer.
- B. Maintain these conditions 24 hours before, during, and after installation of adhesive and wall covering.
- C. Provide lighting level of 80 ft candles measured mid-height at substrate surfaces.

**PART 2 – PRODUCTS**

**2.1 MATERIALS**

- A. Requirements for Wall Coverings:
  - 1. Surface Burning Characteristics: Flame spread/Smoke developed index of 25/50, maximum, when tested in accordance with ASTM E84.

## GUIDE SPECIFICATIONS FOR DESIGN AND CONSTRUCTION DOCUMENTS

- B. Vinyl Roll Stock Wall Covering:
  - 1. Color: As selected by Architect.
  - 2. Pattern: As selected by Architect.
  - 3. Surface Texture: As selected by Architect.
  - 4. Basis of Design: As selected by Architect.
- C. Acoustical Carpet Wall Covering:
  - 1. Color: As selected by Architect.
  - 2. Pattern: As selected by Architect.
  - 3. Surface Texture: As selected by Architect.
  - 4. Basis of Design: As selected by Architect.
- D. Adhesive: Type recommended by wall covering manufacturer to suit application to substrate
- E. Substrate Filler: As recommended by adhesive and wall covering manufacturers; compatible with substrate.
- F. Substrate Primer and Sealer: Alkyd enamel type.

### **PART 3 – EXECUTION**

#### 3.1 EXAMINATION

- A. Verify that substrate surfaces are prime painted and ready to receive work, and conform to requirements of the wall covering manufacturer.
- B. Measure moisture content of surfaces using an electronic moisture meter. Do not apply wall coverings if moisture content of substrate exceeds level recommended by wall covering manufacturer.

#### 3.2 PREPARATION

- A. Fill cracks in substrate and smooth irregularities with filler; sand smooth.
- B. Wash impervious surfaces with tetra-sodium phosphate, rinse and neutralize; wipe dry.
- C. Surface Appurtenances: Remove electrical plates, hardware, light fixture trim, escutcheons, and fittings prior to preparing surfaces or finishing.
- D. Surfaces: Correct defects and clean surfaces that affect work of this section.
- E. Marks: Seal with shellac those that may bleed through surface finishes.
- F. Apply one coat of primer sealer to substrate surfaces. Allow to dry. Lightly sand smooth.
- G. Vacuum clean surfaces free of loose particles.

#### 3.3 INSTALLATION

- A. Apply adhesive and wall covering in accordance with manufacturer's instructions.
- B. Apply adhesive to wall covering surface immediately prior to application of wall covering.
- C. Use wall covering in roll number sequence.
- D. Razor trim edges on flat work table. Do not razor cut on gypsum board surfaces.
- E. Apply wall covering and acoustical carpet wall coverings smooth, without wrinkles, gaps or overlaps. Eliminate air pockets and ensure full bond to substrate surface. Butt edges tightly.
- F. Temporarily support acoustical carpet wall covering with tacks until adhesive has cured. Remove tacks when adhesive has set.
- G. Horizontal seams are not acceptable.
- H. Do not seam within 2 inches of internal corners or within 6 inches of external corners.
- I. Install wall covering before installation of bases and items attached to or spaced slightly from wall surface.
- J. Do not install wall covering more than 1/4 inch below top of resilient base. Stop acoustical carpet wallcovering above base as detailed.
- K. Remove excess adhesive while wet from seam before proceeding to next wall covering sheet. Wipe clean with dry cloth.

#### 3.4 CLEANING

- A. Clean wall coverings of excess adhesive, dust, dirt, and other contaminants.
- B. Reinstall wall plates and accessories removed prior to work of this section.

#### 3.5 PROTECTION

- A. Do not permit construction activities at or near finished wall covering areas.

END OF SECTION