

# ARBOR WOOD DIVISION 09 74 16

## FLEXIBLE WOOD VENEER WALLCOVERING



### PART I - GENERAL

#### I.01 SUMMARY

- A. Provide Arbor wood wallcovering, complete as specified as part of the contract documents.
- B. Related Sections
  - 1. Section 165000 - Lighting: Permanent during installation.
  - 2. Section 092500 - Gypsum Board: Wall Substrates.
  - 3. Section 099000 - Painting: Preparation and priming of substrate.
  - 4. Section 064000 - Architectural Woodwork. Arbor to be single sourced from Koroseal so that millwork is from the same veneer flitch as the direct applied wallcovering.

#### I.02 REFERENCES

- A. United States Testing Company, Inc.
  - 1. Testing performed "in accordance with the specification set forth in ASTM E84 "Standard Test Method for Surface Burning Characteristics of Building Materials," both as to equipment and test procedures. Test procedure is similar to UL-723, ANSI No. 2.5, NFPA No. 255 and UBC in UBC1994 & 1997.

#### I.03 SUBMITTALS

- A. Submit manufacturer's product data and installation instructions for each type of wood veneer wallcovering, adhesive and accessory required.
  - 1. Include data on physical properties, fire hazard classification and fire detection characteristics of wallcoverings.
  - 2. Include manufacturer's recommendations for maximum permissible moisture content of substrates.
- B. Submit 6" X 9" samples of each type of wood wallcovering specified, inclusive of product name, wood species and cut and/or figure labeled on the back of each sample.
- C. Submit a copy of maintenance instructions to Owner in accordance with Division I, Section "Contract Closeout."

#### I.04 QUALITY ASSURANCE

- A. Manufacturer: Provide each type of wood wallcovering required produced by one manufacturer whose published literature clearly indicated compliance of wood wallcovering with specified requirements.
- B. Applicator: Installation by skilled commercial wallcovering applicators with no less than three years of documented experience installing wallcovering of the types and extent specified for the project.
- C. Composition:
  - 1. A five-ply wood wallcovering consisting of authentic wood veneer, bonded to paper, foil, glue line barrier, and paper.
  - 2. Factory applied protective urethane coating to ensure quality and help maintain the integrity of the wood veneer wallcovering.
- D. Fire Hazard Classification: Provide materials that comply with Class A Fire Rating when tested in accordance with ASTM E84.
  - 1. Flame Spread: 10
  - 2. Smoke Developed: 25
  - 3. CANULC/SI02 Fire Rating: Flame Spread 5 and Smoke Developed 15
- E. Field Test Panels: Install not less than three (3) full-width sheets of each pattern specified in an area designated by the architect and or designer. Review installation area for conformance to manufacturer's standard installation instructions. Maintain approved test area as part of the finished installation work and as a standard of comparison for the installation throughout the project.

#### I.05 PRODUCT DELIVERY, STORAGE AND HANDLING

- A. Deliver all wood wallcovering to the job site in the distributor's undamaged packaging clearly labeled and properly identified.
- B. Store materials in a clean, dry, protected area where temperature and humidity remain stable and within the ranges specified by the distributor.

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### 1.06 PROJECT CONDITIONS

- A. Maintain a constant temperature range of 65 degrees F to 85 degrees F, with not more than 50% relative humidity and not less than the relative humidity specified for the project area in the AWI Quality Standards Section I700-T-I9, for at least 4 days prior to, throughout the installation period and maintained consistently thereafter.
- B. Surface preparation: Provide hanging surface that is smooth and free of all excess dust, oils or other foreign matter.
- C. Select Surface Finish:
  - 1. Provide Gypsum board finish in compliance AWCI Specification, Level 4.
  - 2. Finish plaster walls to the manufacturer's specification and free from undulations and surface defects.
  - 3. Prepare metal surfaces to clean, dry and smooth finish with a rust inhibitor applied as indicated by written wood wallcovering product installations instructions.
  - 4. Prepare wood composite surface Select: [MDF] [Hardwood] as indicated in manufacturer's written installation instructions.
- E. Lighting: Provide permanent lighting during the installation process. If temporary lighting is required, provide not less than an 80-foot candles per square foot lighting level minimum measured mid-height at substrate surfaces.

### 1.1. WARRANTY

- A. Submit distributor's 1 year written warranty against defects in material and workmanship. Koroseal Interior Products, LLC guarantees and warrants Arbor Flexible Wood Wallcovering to be free from defects in material and workmanship for a period of one year. Koroseal Interior Products, LLC's liability is limited to replacement of goods found by Koroseal Interior Products, LLC to be defective. This warranty is in lieu of all other warranties or guarantees expressed or implied, including warranties or guarantees of merchantability and fitness for a use.

### 1.08 MAINTENANCE

- A. Replacement Materials: Provide between 2-5% of each species, cut and finish of wallcovering installed for maintenance/attic stock purposes. Furnish replacement materials from same production run as installed materials. Protect material with clearly marked packaging indicating product identification and project location.
- B. To clean, treat Arbor Flexible Wood Wallcovering as fine wood furniture using a lint-free cloth and Murphy's Oil Soap. Repeat this procedure once a year using Murphy's recommended instructions. See detailed cleaning instructions under the Cleaning and Maintenance for Arbor document.

## PART 2 - PRODUCTS

### 2.01 DISTRIBUTOR

- A. Arbor Wood Veneer Wallcovering, distributed by Koroseal Interior Products, LLC, Medina, OH.

Contact Sales Representative: Name: \_\_\_\_\_ Phone: \_\_\_\_\_

### 2.02 MATERIALS

- A. Wallcovering: Arbor Wood Wallcovering, "AA" Architectural Grade, Flexible Wood Veneer Wallcovering. A five-ply pre-finished urethane wood wallcovering consisting of authentic wood veneer, bonded to paper, foil, glue line barrier, and paper.
  - 1. Species/Pattern: Select: [from standard and non-Standard product offering i.e.: White Maple, Sapele, Recon Ravenna, etc.]
  - 2. Cut and Figure: Select: [Flat Cut] [Quarter Cut] [Rift Cut] [Rotary Cut] [Figure] [Plank - Recon]
  - 3. Matching: Select: [Book Match] [Slip Match] [Swing Match] [End-Match] [Random Match] [Block Plank Match] [Cross Grain] [Balance Match] [Center Match]
  - 4. Flitch Number: \_\_\_\_\_
  - 5. Sheet Size: \_\_\_\_\_
  - 6. Factory Finish: Select: [Standard] [Ultra 30] [Ultra 70]
  - 7. Special Instructions - Custom Number/KIP: [Stain] [White Wash/Ceruse] [Bleach] [Dye]

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## **2.03 ACCESSORIES**

### **A. Adhesive:**

1. Roman Decorating Products: Extra Strength Pro-732, Clay Strippable Pro-774
2. Gardner-Gibson Products: Dynamite III Heavy Duty Clay
3. Gardner-Gibson Products: Dynamite 433 Heavy-Duty Clay Strippable

### **B. Substrate Primer/Sealer: Acrylic base primer specifically formulated for use with flexible wood veneer wallcovering. No Oil Based Primers is to be used in the installation of Arbor Wood Wallcovering.**

1. Romans Decorating Products: Pro-935 (R 35), Pro-977
2. Zinsser Company Products: Bulls Eye I-2-3 Primer Sealer, Shieldz Universal Plus Primer, Gardz High Performance Sealer

## **PART 3 – EXECUTION**

### **3.01 EXAMINATION**

- A. Examine substrates and installation conditions.
- B. Test substrates with suitable moisture meter and verify that moisture content does not exceed 7%.
- C. Verify that substrate surfaces are clean, dry, smooth, structurally sound and free from surface defects and imperfections that would show through the finished surface.
- D. Notify the contractor and architect in writing of any conditions detrimental to the proper and timely completion of the installation.
- E. Do not proceed with work until conditions have been corrected.

### **3.02 INSTALLATION**

- A. Install wood veneer wall coverings in strict accordance with manufacturer's written installation instructions.
- B. After the application of three sheets of wood wallcovering, request inspection by Architect/Designer for material quality and proper installation.
- C. If problems occur, stop the installation and contact the local Arbor Wood Veneer Wallcovering Sales Representative before proceeding.
- D. Install each sheet in sequential, numerical order, as printed on the back of each sheet.
- E. Install as delivered from the factory with the standard urethane finish applied by the manufacturer.
- F. Field applied stains and finishes void all Fire Ratings and the manufacturer's written warranty.

### **3.03 CLEAN-UP COMPLETION**

- A. Upon completion of the work, remove excess materials, debris and rubbish resulting from the installation and leave the area in a clean and orderly condition.
- B. Protect the finished wood wallcovering from damage that may occur from other trades until project has been completed.