

ARBOR SERIES™
DIVISION 09 74 16
FLEXIBLE WOOD VENEER WALLCOVERING

PART 1 - GENERAL

1.01 SUMMARY

- A. Provide wood wallcovering, complete.
- 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

1.02 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.

1.03 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 1, Section "Contract Closeout."

1.04 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.

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- 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 genuine 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
- 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 manufacture'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

1.05 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.

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 1700-T-19, 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.

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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] [Particleboard] [Hardwood] as indicated in manufacturer's written installation instructions. Apply non-woven wall liner to any surface showing cracks or splits.
- 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 Series 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 particular use.

1.08 MAINTENANCE

- A. Replacement Materials: Provide not less than _____(sheets/percent) of each species, cut and finish of wallcovering installed for maintenance 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 Series 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.

PART 2 PRODUCTS

2.01 DISTRIBUTOR

- A. Wood Veneer Wallcovering: Arbor Series Flexible Wood Veneer Wallcovering, distributed by Koroseal Interior Products, LLC, Fairlawn, OH. Contact Sales Representative: Name: _____ Phone: _____

2.02 MATERIALS

- A. Wallcovering: Arbor Series Flexible Wood Veneer Wallcovering
1. Species: **Select:** [from standard and non-Standard product offering ie: White Maple, Sapele, etc.]

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2. Cut and figure: **Select:** [Flat Cut] [Quarter Cut] [Rift Cut] [Rotary Cut]
3. Matching: **Select:** [Book Match] [Slip Match] [Swing Match]
4. Sheet Size: _____
5. Factory Finish: **Select:** [Standard] [Ultra 30] [Ultra 70]

2.03 ACCESSORIES

- A. Adhesive:
 1. Roman Decorating Products: Extra Strength Pro-732, Clay Strippable Pro-774
 2. Gardner-Gibson Products: Dynamite 111 Heavy Duty Clay
 3. Gardner-Gibson Products: Dynamite 433 Heavy-Duty Clay Strippable
- B. Substrate Primer/Sealer: Acrylic/latex base primer specifically formulated for use with flexible wood veneer wallcovering.

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 4%.
- 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 flexible wood veneer wall coverings in strict accordance with manufacturer's written installation instructions.
- B. Do not use oil based primers when installing Arbor Series Flexible Wood Wallcoverings

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- C. After the application of three sheets of wood wallcovering, request inspection by Architect/Designer for material quality and proper installation.
- D. If problems occur, stop the installation and contact the local Arbor Series Wood Veneer Wallcovering Sale Representative before proceeding.
- E. Install each sheet in sequential, numerical order, as printed on the back of each sheet.
- F. Install as delivered from the factory with the standard urethane finish applied by the manufacturer.
- G. 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.

End of Section