

## ■ PART I - GENERAL

### Summary

Contractor shall supply and install Veneer-Art™, pre-finished wood veneer as shown on drawings and as specified.

### References

Consult NEMA Publication LD3-2005, National Electrical Manufacturers Association or AWI Quality Standards, Architectural Woodworking Institute.

### Submittals

Product Data: See Manufacturer's Product Data Sheet and Installation Sheet, attached, or download from [www.laminart.com](http://www.laminart.com)

Samples: (*indicate size and quantity*) [4" X 4"] [6" X 9"] sized sample(s) of specified Veneer-Art™ species submitted for review.

### Quality Assurance

Field Samples: As with all natural products, color and grain will vary from sheet to sheet. Please request samples of current inventory prior to purchasing.

Fabricator/Installer Qualifications: Company specializing in fabricating and installing decorative plastic laminate or phenolic-backed veneer finished work.

Source: Obtain Veneer-Art™ pre-finished real wood veneer direct from Lamin-Art®. Contact Customer Service at 1-800-323-7624 for pricing and availability prior to bid.

### Delivery, Storage and Handling

Veneer-Art™ sheets should be stored horizontally, back-to-back, face-to-face, with the top sheet turned face down and a caul board placed on top to protect the material from possible damage and reduce the chance of warpage of the top sheets. The material should be protected from light, heat, and moisture and should never be stored in contact with the floor or an outside wall. Optimum conditions for storage are approximately 75°F (24°C) and 40% to 65% relative humidity. Lamin-Art® recommends that full-sized sheets be carried by two people whenever possible.

### Project/Site Conditions

As with all wood-based products, Veneer-Art™ reacts to the ambient conditions. Veneer-Art wood surfacing and the substrate to which it is applied may both gain moisture and expand under high relative humidity conditions and lose moisture and shrink under dry relative humidity conditions. Allow Veneer-Art sheet(s) and the substrate to acclimate to the ambient conditions of the installation site for at least 5 days. Optimum conditions are approximately 75°F (24°C) and at a relative humidity of 40% to 65%. Provisions should be made for the circulation of air around the components.

## ■ PART II - PRODUCTS

### Manufacturers

Pre-finished veneer shall be Veneer-Art™ pre-finished real wood veneer supplied by Lamin-Art®, Inc.

### Materials

Specie Number: \_\_\_\_\_

Specie Name: \_\_\_\_\_

Edges: (*select one*) [N/A] [self-edge (see shop drawings)] [solid edge (see shop drawings)] [miter fold edge (see shop drawings)]  
[other (see shop drawings)]

### Adhesives

The strength of the bond between Veneer-Art™ and the substrate will determine the amount of stress that may be transmitted to the substrate by the product. PVAc (white glue), urea and resorcinol adhesives are recommended because they distribute greater stress to the substrate, making the assembly more crack-resistant. Suggested adhesives are Wilsonart #3100 where a cold press is available. Alternately, a standard contact adhesive such as Wilsonart #3000 (or similar) may be used for field applications. Lamin-Art® strongly recommends that you follow the adhesive manufacturer's instructions for use with Veneer-Art.

Please Note: Contact adhesives are the weakest recommended adhesives because of their elastometric nature and therefore should never be used over areas larger than 2' X 8' (60 X 240 cm), or for any vertical application.

## Substrates

Recommended substrates for Veneer-Art™ are 45lb. density particleboard, medium-density fiberboard (MDF), and high-density fiberboard (HDF). The substrates should be smooth, clean, free of oil or grease, and uniform in thickness. Do not use drywall (gypsum), plaster, concrete, solid lumber, or underlayment.

## Backing Sheets

Panel assemblies should be laminated with a suitable balancing sheet to minimize warpage.

## ■ PART III - EXECUTION

### Inspection

All laminate surfaces shall be inspected prior to lamination to ensure they are sound, clean, and free of surface defects.

### Preparation

Precondition the substrate and Veneer-Art™ to approximately 75°F (24°C) and 40% to 65% relative humidity for a minimum of 5 days prior to fabrication. Machine factory edges prior to any seaming and clean thoroughly with denatured alcohol.

### Installation

Material, equipment, and workmanship should conform to the industry standard practices, conditions, procedures and recommendations as specified by NEMA LD3-2005, Annex A; Architectural Woodworking Institute Quality Standards, or ANSI 161.2-1979 standards. Veneer-Art™ moves about twice as much across the grain as it does in the length direction. Whenever possible minimize the dimension of the cross grain direction. All inside corners of cutouts must be radiused as large as possible (3/16" minimum to avoid stress cracking). The edges and corners should be filed smooth and free of chips or nicks.

### Sealing Edges

All exposed edges are to be sealed with a diluted urethane in order to prevent moisture absorption.

### Cleaning

Veneer-Art™ pre-finished real wood veneer may be cleaned with warm water and a mild soap or household cleaners. Stubborn stains may require organic solvents such as alcohol, acetone, lacquer thinner or paint solvents.

Note: These solvents will not harm the Veneer-Art surface, but are flammable and will attack contact adhesives at the glue line edges.

## For more information on Lamin-Art® products, contact:

Name: \_\_\_\_\_

Phone: \_\_\_\_\_

E-Mail: \_\_\_\_\_

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