

■ PART I - GENERAL

Summary

Contractor shall supply and install Lamin-Art® brand high-pressure decorative laminate as shown on drawings and as specified.

References

Consult NEMA Publication LD3-2005, National Electrical Manufacturers Association

Submittals

Product Data: See Manufacturer's Product Data Sheet and Installation Sheet, attached, or download from www.laminart.com

Samples: (*indicate size and quantity*) [2" X 3"] [5" X 8"] sized sample of specified laminate submitted for review.

Quality Assurance

Fabricator/Installer Qualifications: Company specializing in fabricating and installing decorative plastic laminate finished work.

Source: Obtain decorative plastic laminate direct from Lamin-Art®. Contact Customer Service at 1-800-323-7624 for pricing and availability prior to bid.

Delivery, Storage and Handling

High-pressure laminate should be stored horizontally with the top face-down and a caul board placed on top to protect material from damage and from warping. Laminate should be protected from moisture and from contact with floors or outside walls.

Project/Site Conditions

Laminate and substrate should be allowed to acclimate for at least 72 hours at the same ambient conditions. Optimum conditions are approximately 75°F (24°C) and relative humidity of 45% to 55%. Air circulation should be provided around product.

■ PART II - PRODUCTS

Manufacturers

Surface shall be Lamin-Art® brand high-pressure laminate supplied by Lamin-Art, Inc.

Materials

Pattern Number: _____

Pattern Name: _____

Grade: (*select one*) [Standard Grade GP48 (thickness: .048")] [GP38 (thickness: .038")] [Vertical Grade GP28 (thickness:.028")]

Finish: _____

Special Order: (*select one if applicable*) [OS-Oyster Shield High-Wear Protection] [FR-Fire Rated Material] [PF-Post-Forming Grade]

Edges: (*select one*) [N/A] [self-edge (see shop drawings)] [solid edge (see shop drawings)] [miter fold edge (see shop drawings)] [PVC Tape matching laminate in color, pattern, and finish] [PVC T-mold matching laminate in color, pattern, and finish] [PVC edge banding matching laminate in color, pattern, and finish] [other (see shop drawings)]

Adhesives

Contact, PVAc, urea or resorcinol adhesives are recommended for bonding high-pressure decorative laminates to core materials. In all cases, the adhesive manufacturer's instructions for use should be followed closely. Pressure in excess of 45 psi should not be used, since this could cause a starved glue line or telegraphing of the substrate.

Substrates

Laminate should be bonded to a suitable substrate such as 45lb. density particleboard, medium-density fiberboard (MDF), or a high-density fiberboard (HDF). The following materials are not recommended for use: plywood, plaster, gypsum board, and concrete.

Backing Sheets

Backing sheets may be necessary to balance assembly and prevent warping.

■ PART III - EXECUTION

Inspection

All laminate surfaces shall be inspected prior to lamination to ensure they are sound, clean, and free of surface defects. protective peel coat should be removed prior to inspection. All defects are to be corrected prior to lamination.

Preparation

Core materials and laminate are to be sanded and prepared as required to provide a smooth surface that is free of oil, dust, or grease that would interfere with adhesion.

Installation

Material, equipment, and workmanship should conform to industry-standard practices, conditions, procedures, and recommendations as specified by ANSI/NEMA LD3-2005 Annex A, AWI Quality Standards, and ANSI 161.2-1979 Standards.

Cleaning

Lamin-Art® brand high-pressure decorative laminate may be cleaned with warm water and a mild soap or household cleaners.

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

Name: _____

Phone: _____

E-Mail: _____

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www.laminart.com