

Sign Panel Featuring  
Design Flexibility &  
Structural Strength



Nudo NuAlum<sup>™</sup> Technical Data

Nudo NuAlum<sup>™</sup> sign panels are a ridged and durable factory laminated aluminum overlay (single or double sided) to an exterior grade plywood. Tempered hardboard and other substrates are available. NuAlum sign panel's high quality, baked enamel polyester wax-free coating is ready for immediate use. No prep time needed. These panels offer a flat, smooth surface that accept most digital inks, paints, and vinyl graphics.

Physical Properties Table 1

Part Number Identifier	Aluminum Faced	Nominal Substrate Thickness	Size	Color
SN 1P500-[8,10]-SE2-PF1-[Color]	Single Sided Aluminum with Poly Backer	1/2" Exterior Grade Plywood	4'X8', 10'	White Black Almond Red Yellow Green Blue Universal Bronze
SN 1P500-[8,10]-D-PF2-[Color]	Double Sided Aluminum	1/2" Exterior Grade Plywood	4'X8', 10'	

\* Optional Substrates Available

**Composition:** Aluminum overlay laminated to a plywood substrate. Single sided panel with poly backer or Double-sided panel with aluminum backer.

**Printing Preparation:** NuAlum panels should be conditioned prior to painting with a multi-solvent cleaner (Gon, Wax and grease remover, PreKleeno, Prep-Sol). Wipe with cleaner, then wipe dry. Use only quality sign paint, such as lettering enamel or Bulletin paint. Always test panels prior to producing a finished product. No preparations are needed when applying vinyl letters or graphics other than wiping the panels clean. Never use Lacquer Thinner as a cleaning agent.



#### *Finished Panel Quality, Fabrication & Handling*

- The front and backside side shall be smooth. Colors shall be throughout the panel and manufactured as specified.
- Physical properties shall be set forth in Table 1.
- Product quality standards and tolerance for panel weight and thickness shall be set for in Nudo Product, Inc. Quality Control Procedures/Standards which are available upon request.
- Panel dimensional tolerances will be:
  - Width: +0" – 1/8" (4mm)
  - Length: ± 1/8" (4mm)
  - Squareness: 1/8" (4mm) in 48" (1.2m).
- Protect your eyes with goggles; cover your nose and mouth with a filter mask when cutting NuAlum panels. When cutting NuAlum, position the panel so that the saw blade enters the painted side first, to avoid damaging face of panel.
- Panels can be installed and fabricated with the same tools and techniques as ordinary wood panels. Carbide-tipped tools are recommended, as well as safety equipment. Eye protection and filtered mask should be worn during cutting and trimming operations.

**Storage:** NuAlum laminated panels should be stored horizontally indoors on a contiguous flat surface, in a dry location. Panels should never be stored on the floor or an outside wall. Exposure to humid or wet conditions prior to installation may cause moisture damage. Standing water on surface of panels prior to installation may cause color distortion. Optimum storage conditions are 60°F (16°C) to 75°F (24°C) and 35% to 55% relative humidity.

**Flame Spread and Smoke Development Ratings:** The numerical flame spread, and smoke development ratings are not intended to reflect hazards presented by Nudo Product, Inc. products or any other material under actual fire conditions. These rating are determined by small-scale tests conducted by Underwriters Laboratories and other independent testing facilities using the American Society for Testing and Materials E-84 test standards (commonly referred to as the "Tunnel-Test"). NUDO PRODUCTS, INC PROVIDES THESE RATING FOR MATERIAL COMPARISION PURPOSES ONLY. Like other organic building materials, (e.g. wood), panels made up of composite material will burn. When ignited, it may produce dense smoke very rapidly. All smoke is toxic. Fire safety requires proper design of facilities and fire suppression systems, as well as precautions during construction and occupancy. Local codes, insurance requirements and any special needs of the product user will determine the correct fire-rated interior finish and fire suppression system necessary for a specific installation.

**Disclaimer:** We believe all information given is accurate. It is offered in good faith, but without guarantee. Since conditions of use are beyond our control, the user assumes all risks. Nothing herein shall be construed as a recommendation for use that infringes on valid patent or as extending a license under valid permit. Nothing herein shall be construed as a recommendation for use or as extending a license under valid patent.

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