

### Nudo PolyMetal™ Sign Panel

Nudo PolyMetal™ is a 3mm interior or exterior aluminum composite sign panels with solid painted or brushed surfaces. There are numerous applications that often need a metal appearance with the added benefit of moisture resistance. PolyMetal's 3mm solid core will not rot or corrode making it an ideal panel for exterior applications.

These panels offer a flat, smooth surface that accept most digital inks, paints and vinyl graphics. PolyMetal can be routed and returned, when a radius is required.

#### PolyMetal Product Description:

Part Number Identifier	Color	Nominal Panel Thickness	Sheet Size			Finished Sides
			4x8	4x10	5X10	
PM1-120BC-[Size]-PF2-	White	3mm	X	X	X	2
PM1-120BC-[Size]-PF1-	White	3mm	X			1
PM1-120BC-[Size]-PF2-	Black	3mm	X			2
PM1-120BC-[Size]-PF2-	Almond	3mm	X			2
PM1-120BC-[Size]-PF2-	Blue	3mm	X			2
PM1-120BC-[Size]-PF2-	Red	3mm	X			2
PM1-120BC-[Size]-PF2-	Yellow	3mm	X			2
PM1-120BC-[Size]-PF2-	Green	3mm	X			2
PM1-120BC-[Size]-PF2-	Copper	3mm	X			2
PM1-120BC-[Size]-PF2-	Brushed Silver	3mm	X	X		2
PM1-120BC-[Size]-PF2-	Brushed Bronze	3mm	X			2
PM1-120BC-[Size]-PF2-	Brushed Copper	3mm	X			2
PM1-120BC-[Size]-PF2-	Brushed Gold	3mm	X			2
PM1-120BC-[Size]-PF1-	Silver Mirror	3mm	X			1
PM1-120BC-[Size]-PF2-	Green Marble	3mm	X			2
PM1-120BC-[Size]-PF2-	Red Marble	3mm	X			2
PM1-120BC-[Size]-PF2-	Corchia Marble	3mm	X			2

**SPECIFICATIONS:** The PolyMetal panels are manufactured with state-of-the-art laminating equipment and adhesives.

**COMPOSITION:**

1. Panel surface painted with Polyester finish.
2. Aluminum overlay (top)
3. Solid HDPE core
4. Adhesive
5. Aluminum overlay (bottom)

**FINISHED PANEL QUALITY:**

1. The backside shall be smooth. Backside imperfections which do not affect functional properties are not cause for rejection.
2. Physical properties shall be set forth in Table 1.
3. 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.
4. Dimensions shall be specified on purchased order, subject to the following tolerances:  
Width:  $\pm 1/8"$  (3.2mm)  
Length:  $\pm 1/8"$  (3.2 mm)  
Squareness: not more than  $1/8"$  (3.2 mm) out of square.
5. Panels shall be installed in accordance with the manufacturer's guidelines as set forth in the installation guide.

**FABRICATING RECOMMENDATIONS:**

**Note:** Protect your eyes with goggles; cover your nose and mouth with a filter mask when cutting PolyMetal panels. When cutting PolyMetal, position the panel so that the saw blade enters the painted side first, to avoid damaging face of panel.

**Hand Fabricating:** Drilling – high speed drill bit (60° cutting angle, with 12° - 15° clearance) or hole saw.

**Cutting:** 72-tooth circular saw with reinforced carborundum or carbide-tipped blade.

**STORAGE:**

PolyMetal should be stored horizontally indoors on a contiguous flat surface. Protective film should remain on the panel until installation. Panels should never be stored on the floor or an outside wall. Optimum storage conditions are 60°F (16°C) to 75°F (24°C) and 35% to 55% relative humidity.

**CLEANING INSTRUCTIONS:**

PolyMetal is easy to clean. In most cases, use a clean, damp, non-abrasive cotton cloth and a mild liquid detergent or household cleaner. Always rinse with clean water and a clean, non-abrasive cotton cloth. Dry the panels with a soft, clean, non-abrasive cotton cloth.

**DO NOT USE :** abrasive cleaners with bleach, cleaners with acid, alkali or sodium hypochlorite. They will damage and permanently discolor the surface. Be sure that bottles, rags or other materials with these cleaners never come in contact with the surface.

Examples of harsh cleaners to avoid, include but are not limited to:

Bleach  
Drain Cleaners  
Metal Cleaners  
Oven Cleaners  
Rust Removers  
Tub and Tile Cleaners  
Lime Scale Remover

**REMOVAL OF STAINS:**

To remove stains, use full strength Fantastik, All Purpose Cleaner, Formula 409, Pine-Sol, or other mild household cleaners. Blot with clean, damp, non-abrasive cotton cloth, and rinse with cleaner water. When recommended cleaner changes its formulation, the change may be harmful to the surface. Nudo Products, Inc. cannot be held responsible for these changes. Follow all directions and warnings on the cleaner label because many are extremely flammable.

Dyes and pharmaceutical products will permanently stain the panels. These include hair dyes and rinses, silver nitrate, laundry bluing, tannic acid, povidone-iodine, dermatological tar compounds, and peroxide. To reduce these stains, apply a paste of baking soda and water on the area to pull out the stain. Do not rub, as the paste will be slightly abrasive. Wipe up the past with a clean, damp, non-abrasive cotton cloth, and rinse with clean water.

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.

**NUDO®**

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