



# Decotone Surfaces

*Specification Information*

***Decotone Metallic Laminates***

*Phenolic Backed Metallic Laminates*

January 2009

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## **Decotone Metallic Laminates**

### **1. Product Identification**

Decotone Metallic Laminates - *Phenolic Backed Metal Laminate, Solid Anodized Metal Sheet, and Stainless Steel.*

### **2. Manufacturing and Marketing:**

Decotone Metallic Laminates are marketed and distributed by:

#### **Decotone Surfaces**

544 South Avenue.

Garwood, NJ 07027

Phone: (908) 301-0600

Fax: (908) 301-0601

Decotone Surfaces markets its products throughout the US, Mexico and Canada. Decotone Surfaces Metallic Laminates are manufactured in Incheon, Korea or at one of Decotone Surfaces U.S. facilities exclusively for Decotone Surfaces and our distribution partners.

### **3. Metal Types:**

- **Type 1 - Phenolic Backed** -Decotone Phenolic backed Metallic Laminates are composed of a layer of a decorative aluminum sheet, pressed over layers of phenolic saturated Kraft paper. The backside of the laminate is sanded to ensure uniform bonding and consistent thickness.  
**Composition:** The metal foil in a Metallic laminate sheet is approximately 11% of the total laminate construction. The remaining product make up consists of layers of phenolic impregnated Kraft paper bonded through the HPL manufacturing process. Resin content is typically 30-33%.
- **Type 2 - Solid Anodized Aluminum** – Solid Aluminum Sheets .025” thickness 4’ x 8’ sheets. Available in Brushed, Polished, and Special Engraved designs.



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- **Type 3 - Decotone Artistic Metal Series** - These are specially designed Decorative Metallic sheets designed by Decotone's creative design department. This unique design series consists of Decotone's Oxidized Etched Copper Series, and distressed Aluminum designs.
- **Type 4 - Solid Stainless Steel** - .025" thick Stainless Steel Sheets. Sizes 18" x 24", 24" x 36" typically used for back splashes and other decorative Stainless Steel applications. Other sizes available upon request.

#### 4. Descriptions:

- **Sheet sizes:** 4' x 8' - All Decotone Metallic Laminates Types 1 to 3, are available in size 4' x 8'. 7118 Brushed Aluminum and 1101 Stainless Aluminum are also available in size 4' x 10'. 7118 Brushed Aluminum and 1101 Brushed Stainless Aluminum full size sheets are manufactured with (1/2" to 1") oversize on the length and width.
- **Thickness Available:** .032" (.8mm) Post Forming Grade, and .040" (1.0mm) Standard Grade.
- **Basic uses:** Decotone Metallic Laminates are recommended for interior vertical decorative applications. Possible uses are cabinet doors, store fixtures, exhibit manufacturing, furniture, POP displays, columns, and slat wall.
- **Not recommended for:** Areas exposed to high temperatures, exterior use, and heavy use counter tops.

**5. Installation:** Decotone Decorative Metals can be bonded to the following substrate material. Plywood, MDF Board, HDF Board, Particle Board. Material should be installed in conformance with basic techniques outlined by NEMA LD-3 for high pressure laminate; or as recommended by your adhesive manufacture.

**6. Post - Forming:** Most Decotone Decorative Metals are available in a post-forming grade. All material comes with a protective peel coat, to help protect against scratching during use.

**7. Balancing:** We recommend that all Decotone Decorative Metals adhered to a substrate should be balanced with an equally thick phenolic backer to help ensure a proper balance to keep finished boards flat.

#### 8. Care and Maintenance:

- **Types 1, 2 & 3** should be cleaned with a particle free, clean, non-abrasive, damp cloth. Mild soap and water or mild liquid detergent can be used. **Do not use:** Solvents, abrasive



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cleaners, steel wool, powder soap, harsh chemicals, acids or alkaline cleaners. These products may cause scratching and/or surface discoloration.

- **Type 4.** Stainless Steel should be cleaned with specific stainless steel cleaners.

## **7. Lead time:**

- From Stock: 3-5 days.
- Special orders: 4 weeks.
- Please call to check stock and availability.