



# Decotone Surfaces

*Specification Information*

*Decotone Metallic Laminates*

*Phenolic Backed Metallic Laminates*

January 2008

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## Decotone Metallic Laminates

### 1. Product Identification

Decotone Metallic Laminates - *Phenolic Backed Metal Laminate and Anodized Metal Sheets.*

### 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 by Melatone Ltd, in Incheon, Korea exclusively for Decotone Surfaces and our distribution partners.

**3. Description:** Decotone Metallic Laminates are composed of a layer of decorative aluminum pressed over layers of phenolic impregnated 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%.

**Sheet sizes:** 4' x 8' - All Decotone Metallic Laminates are available in size 4' x 8'. 7118 Brushed Aluminum and 1130 Stainless Aluminum are also available in size 4' x 10'. Most sheets are manufactured with (½" to 1") oversize on the length and width.

**Thickness Available:** .032" (.8mm) Post Forming Grade, and .040" (1.0mm) Standard Grade.



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**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.

**Custom Digital Printing-** Custom digital printed metallic sheets are also available with a 3 to 4 week lead time as a special order. This allows the flexibility to achieve any custom design in a metallic laminate.

**Not recommended for:** Areas exposed to high temperatures, exterior use, and heavy use counter tops.

**4. 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.

**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.

**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.

**5. Care and Maintenance:** Decotone Decorative Metals 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 cleaners, steel wool, powder soap, harsh chemicals, acids or alkaline cleaners. These products may cause scratching and/or surface discoloration.

**6. Lead time:** All items shown on the sample chain and wallboard are in stock and available for quick shipping. Additional design combinations are available upon request as a special order. Special order lead time is approximately 3 to 4 weeks from the time an order is placed, depending on the items requested.