

# TECHNICAL DATA

Wilsonart Metalamine

## 1. Manufacturer

Wilsonart(Thailand) Co.,Ltd.  
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## 2. Product Description

### Product Composition

Wilsonart Metalamine is a high pressure laminates with a genuine Aluminum surface. This surface is applied to a core of phenolic resin using high pressure. These sheets are then bonded at pressures greater than 1000 pounds per square inch at temperatures approaching 257°F (135°C). Finished sheets are trimmed, and the backs are sanded to facilitate bonding.

### Patterns & Colors

Available in Metalamine 3951,3952,3953,3954,3961,3962,3964 and 6281

### Recommended Uses

A protective foil is absolutely necessary. This foil must be removed after six months at the latest, as by later removal the aluminum surface could be damaged

### Installation: Fabrication and Assembly Recommendations

Metalamines is intended for use as decorative vertical surfaces in interior application, also for surfaces which are not exposed to heavy wear.

Typical applications are Wall cladding, ceiling cladding, home furniture, hotel and restaurant furniture, fronts of drawers, signs for shops and firms, shelve cladding, counters and displays in shops, surfacing for doors and doorframes, shipbuilding, wagon and coach fittings etc.

Wilsonart Metalamine should be bonded to a substrate of reliable quality such as particleboard, medium density fiberboard (MDF) or plywood with adhesives. Recommended adhesives are permanent types, such as urea and polyvinyl acetate (PVA) and contact types. Bonding techniques are based upon type of adhesives, therefore, it is recommended to follow the adhesive manufacturer's instruction closely. Do not subject Wilsonart Metalamine extremes in humidity, temperatures over 60°C for sustained periods of time, or intense, continuous, direct sunlight.

### Cleaning

Cleaning the surface of a Wilsonart® Metalamine sheet is best carried out using a clean cloth, or a soft sponge using soap and plenty of water or a glass cleaner. **Abrasive cleaners, acids, salt or alkalize should not be used.**

## Thickness and Weight

Description	408
Size	1220x2440 mm
Thickness	0.8 mm ± 0.1 mm
Weight	Approx. 5_kgs

## Storage

Wilsonart® Metalamine sheets should be stored in a closed room with a temperature of 18-25°C and 50-60% relative humidity. Furthermore, they have to be stored full-laminar and horizontally with a distance of 200 mm to the ground. Protective film should be removed within 6 months

The sheets

- are to be protected from moisture
- should not be exposed to direct sunlight
- should not be stored in a warm-air-stream