

PERMAfun Brushed Metal

PRODUCT DESCRIPTION

Premium polymeric laminating film with a satin fine Brushed Metal texture.

Face Material: 100 µm clear satin textured PVC

Adhesive: Solvent acrylic permanent transparent

Liner: Clay coated 135 g/sqm

TYPICAL USE

Laminating film specifically designed for medium-term indoor and outdoor applications on flat and slightly curved surfaces in order to:

- retard colour fade and protect printing media against UV radiation and abrasion
- enhance colours of the prints
- customize the media with homogeneous unique texture finish

Suitable for interior decoration: displays, Point of Sale, hotel decoration.

PROCESSING

Specifically designed for media printed with Solvent, Eco-solvent, mild-Solvent, Latex and UV-curable inks.

For specific settings of the laminator, please consult the technical manual that comes with the laminator from the original supplier.

For outdoor use, care should be taken to prevent water penetration from the sides of the laminates.

The printed media should be perfectly dry prior to lamination and be left to dry for at least 24h.

Mactac Laminating media must be applied following the instructions in TB 4.1 "Guidelines on handling, converting and applying Mactac Digital media", available from the resource section at www.mactacgraphics.eu.

SHELF LIFE

2 years when stored at 15 to 25°C and ± 50 % relative humidity (in the original packaging).

PHYSICAL PROPERTIES (TYPICAL VALUES)

Average Values Test Method

| Thickness | | |
|---|--------------------|---------|
| Face (microns) | 100 µm | ISO 534 |
| Adhesive data, 23°C (N/25 mm) | | |
| Peel adhesion on glass | | |
| - Quick tack | 15 | FTM9 |
| - 24 hour residence | 18 | FTM1 |
| Dimensional stability | | |
| Shrinkage (48 hours at 70°C applied on Aluminium) | Max. 0.5 mm | FTM14 |
| Temperature ranges | | |
| Minimum application temperature (°C) | + 5 °C | |
| Service temperature range (°C) | - 45°C to + 70°C | |
| Certifications | | |
| Fire Classification | Self-extinguishing | |

EXPECTED DURABILITY

Central Europe Zone 1

| | | |
|-----------|---------------|------------|
| Processed | Up to 5 years | ISO 4892-2 |
|-----------|---------------|------------|

Note : Overlamination of the inkjet-printed material delays the eventual colour fading that may occur over time. This colour fading is dependent on the quality of the inkjet inks, the orientation of the printed material, the angle of display and the exact geographical location of exposure.

Exposure to severe temperatures, ultraviolet light, and/or conditions in Southern European countries, tropical, sub-tropical or desert regions will cause more rapid deterioration. This also applies to polluted areas, high altitudes and south-facing exposure.

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