

# MetalLux Print ASLAN SEP 50

## Classy printable metal effect film in matt shades champagne and platinum

The self-adhesive polyester film MetalLux Print ASLAN SEP 50 broadens the range of products of special effect films: The matt shades champagne and platinum impart rooms a classy atmosphere – regardless if applied in large formats or if used for highlighting.

The film is printable with solvent, eco solvent, latex, UV curing and screen printing inks. Additionally, the film is ideal for a computerised cutting of designs, lettering etc. Specially developed for applications on flat surfaces, the self-adhesive film is used for fair construction, shopfitting, visual merchandising and interior design.

For further information or questions regarding special applications please contact our technical advisory service: **+49 2204.708-80**

## Construction

Face film:	PET/ PVC metallised	
Thickness:	~ 140 µm	
Adhesive:	pressure sensitive polyacrylate	square quantity: ~ 25 g/m <sup>2</sup>
Release liner:	double sided PE coated paper	square weight: ~ 144 g/m <sup>2</sup>

## Characteristics

Adhesive strength (ASTM D903):	immediately: after 72 hours:	~ 3.5 N/25 mm ~ 12 N/25 mm
Dimensional stability:	applied onto aluminium after 48 hours stored at 70 °C (158 °F) (25 x 25 cm)	no shrinkage measurable
Temperature:	application temperature: service temperature range:	min 15 °C (59 °F) -30 °C (-22 °F) up to +80 °C (176 °F)
Durability:	Up to 2 years outdoors, with vertical exposure, in central European standard climatic conditions.	

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## Processing

### Printability:

The material is printable with solvent, eco-solvent, latex and UV-curing as well as screen printing inks.

In case of insufficient drying of the printing inks, the film will be sodded and the adhesive negatively affected.

### Application:

Generally, the film should be applied dry and should not be applied on outgasing surfaces.

The substrate should be free of dust, grease and lint.

Applying wet often avoids a static charge and makes positioning easier. Please pay attention to the fact that water diffuses poorly through the film's polyester surface. In these cases, water has to be pressed out completely and carefully by using a squeegee.

The MetalLux Print ASLAN SEP 50 can only be applied on smooth and even surfaces and is not suitable for curved surfaces. The film should not be applied on outgasing surfaces like non-tempered acrylic glass. For the application of letterings etc. we recommend our ASLAN Application Tapes.

### Storage:

Before application the films can be stored up to 2 years from date of production. The film must be stored at room temperature (15-25 °C / 59-77 °F) and a relative humidity of the air of 50-60%. To avoid pressure points appearing on the roll surface, we recommend the rolls be stored either vertical standing or for this purpose designed 'hanging' racks.

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All technical data and advice is based on our experience and measured testing that we believe to be reliable. It remains the customer's responsibility to test the suitability of our products for the intended purpose.

The quality of our products is regularly examined, upgraded and developed. We take the right, without prior notice, to adjust, upgrade and improve the chemical structures or physical characteristics of our products in accordance with our latest knowledge.