

# MetalEffect ASLAN CA 23

## Metal effect film in eight polished and brushed effects

This self-adhesive polyester film, available in eight high-class metal effects, is perfect for creating outstanding plotted lettering, logos and designs as well as full-surface decorations of signs, glass surfaces and other smooth surfaces. With identical colour effects on both sides, MetalEffect ASLAN CA 23 is ideal for use on transparent surfaces. It is suitable for both indoor and outdoor use. The metal effect film is available in silver polished, gold polished, copper polished and polished rose gold as well as in brushed copper, brushed aluminium, brushed gold and brushed silver.

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

## Construction

Face film:	polyester with metallized coating	
Thickness:	~ 50 µm	
Adhesive:	pressure sensitive polyacrylate	square quantity: ~ 25 g/m <sup>2</sup>
Release liner:	silicon paper	square weight: ~ 140 g/m <sup>2</sup>

## Characteristics

Adhesive strength (ASTM D903):	immediately: after 1 week:	~ 2,5 N/25 mm ~ 11 N/25 mm
Light proofness:	DIN 53 388	non-fade grade: 7-8 (wool-scale) ???
Combustibility:	Classified to flame retardant standard DIN 4102 / B1	
Temperature:	application temperature: service temperature range:	min 15 °C (59 °F) -30 °C (-22 °F) up to +80 °C (176 °F)
Durability:	silver and gold polished: all other colours and effects:	3-5 years outdoors up to 2 years outdoors
	With vertical exposure, in middle European climate.	

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## Processing

<b>Digital cutting:</b>	The self-adhesive film is ideally suited for cutting. The vertical height of capital letters should not be smaller than 10 mm.
<b>Printability:</b>	The material can be printed with silk-screen printing inks.
<b>Application:</b>	<p>In general the film can be applied dry.</p> <p>A wet application reduce static and helps repositioning. Being a PET base film water can't diffuse through the film. Therefore all water used has to be squeegeed out during application.</p> <p>For the application of letterings etc. we recommend our ASLAN Application Tapes.</p>
<b>Storage:</b>	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.

## State 12|2021

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.