

# PrintMetal ASLAN CA 30

## Digitally printable metal effect film for long-term outdoor applications

This high-quality metal effect film made is made of PVC-coated polyester. It is available in several designs and in glossy and brushed effects. in silver and gold. Due to its metallic effect on both sides it is suitable for glass design and therefore also for mirror-inverted letterings and logos on shop-window insides.

PrintMetal ASLAN CA 30 is digitally printable. It is suitable for the cutting plotter for computerized cuttings of designs and letterings after adapting the settings.

For any further information please contact our technical advisory service:  
**+49 (0) 2204.708-80**

## Construction

<b>face-film:</b>	compound of polymeric soft-PVC and polyester	
<b>thickness:</b>	~ 140 µm	
<b>adhesive:</b>	acrylic pressure adhesive	square quantity: ~ 30 g/m <sup>2</sup>
<b>release liner:</b>	silicone cardboard PE-coated on both sides	square weight: ~ 144 g/m <sup>2</sup>

## Characteristics

<b>adhesive strength: (ASTMD-903)</b>	immediately after 1 week	~ 6 N/25 mm ~ 14 N/25 mm
<b>chemical resistance:</b>	In a preece test of 24 hours the applied film is resistant to most petroleum based oils, greases and aliphatic solvents, mild acids, alkaline and salts.	
<b>combustibility:</b>	stuck on aluminum, the film is self-extinguishing.	
<b>temperature:</b>	application temperature: service temperature range:	min. 15°C -30 °C up to +80 °C
<b>minimum durability:</b>	5 years outdoors, with vertical exposure, in middle-European climate.	

### ASLAN, Schwarz GmbH & Co. KG

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## Processing

<b>printability:</b>	The material is digitally printable with all major solvent, eco solvent, latex and UV inks as well as with screen printing inks. (In case of inadequate drying of the printed inks the film will be sodded and the adhesive negatively affected.)
<b>application:</b>	This film is applicable dry only and should not be applied on gas-permeable surfaces, like tempered acrylic glass or translucent elastic cloth.  For the application of letterings etc. we recommend our ASLAN Application Tapes respectively the ASLAN TMO.  The PrintMetal ASLAN CA 30 can only be applied on smooth and even surfaces and is not suitable for curved surfaces.
<b>gloss:</b>	There can be matt areas on the surface of the high glossy film near the core of the roll. These may be caused by the silicon cardboard flipside, but will disappear after a short period of time and don't influence the print results.
<b>storage life:</b>	Before application the films can be stored for minimum 3 years from date of production. The film must be stored at room temperature (15-25 °C) 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: 09|2013**

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 our products suitability for the purpose intended.

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

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