

# ASLAN C 114

## The opaque self-adhesive coloured film for short and medium term applications

This colour series with high glossy or matt surface is excellent for the use in computerised cutting of designs and letterings.

For any further information please contact our technical advisory service:  
**+49 (0) 22 04. 7 08-80**

### CONSTRUCTION

<b>face-film:</b>	soft PVC	
<b>thickness:</b>	~ 70 µm	
<b>adhesive:</b>	acrylic pressure adhesive	thickness: ~ 20 g/m <sup>2</sup>
<b>release liner:</b>	silicone cardboard	square weight: ~ 120 g/m <sup>2</sup>

### CHARACTERISTICS

<b>adhesive strength: (ASTMD-903)</b>	glossy: immediately	~ 3.8 N/25 mm
	after 1 week	~ 11.3 N/25 mm
	matt: immediately	~ 2.5 N/25 mm
	after 1 week	~ 8.8 N/25 mm
<b>dimensional stability:</b>	applied onto aluminium after 48 hours stored at 70 °C (25 x 25 cm)	max. -0.5 %
<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, alkalies and salts.	
<b>printing surface:</b>	50%, cut out diameter; ~ 1.5 mm	
<b>light proofness:</b>	DIN 53 388	non-fade grade: 6-8 Woll- Scale
<b>combustibility:</b>	stuck on aluminium, the film is self-extinguishing.	
<b>temperature:</b>	application temperature:	min. 15°C
	service temperature range:	-30 °C up to +80 °C
<b>minimum durability:</b>	3-5 years outdoors, with vertical exposure, in middle-european climate.	

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## PROCESSING

- printability:** The material is printable with solvent-containing ink.  
(In case of inadequate drying of the printing inks the film will be sodded and the adhesive negatively affected.)
- application:** Application dry or damp. If applicated damp, a possible whiteing of the adhesive occurs but will fade away after a couple of days depending on the weather.  
For a damp application we recommend the transferliquide ASLAN TL10.  
For the application of letterings etc. we recommend our ASLAN Application Tapes respectively the ASLAN TMO.
- gloss:** 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.
- storage life:** 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 relativ 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 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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