

# ASLAN C 118 Soft

## The opaque self-adhesive coloured film for long term applications

This coloured series with high opacity in high glossy quality is ideal for the use of durable and long-term applications outdoors. Thanks to its smooth and flexible material, the trimming of the dispensable film is easy and quick to manage and gives clear processing advantages with its improved adjustment for contours and shapes.

ASLAN C 118 Soft is ideal for computerised cutting of designs and lettering.

For any questions concerning special usage, for example with the use of translucent elastic cloth, please contact our technical advisory service:  
**+49 (0)2204.708-80**

### CONSTRUCTION

<b>face-film:</b>	PVC (polymeric softeners)	
<b>thickness:</b>	~ 70 µm	
<b>adhesive:</b>	acrylic pressure adhesive	square quantity: ~ 25 g/m <sup>2</sup>
<b>release liner:</b>	silicone cardboard	square weight: ~ 140 g/m <sup>2</sup>

### CHARACTERISTICS

<b>adhesive strength: (ASTMD-903)</b>	immediately after 1 week	~ 8.8 N/25 mm ~ 12.5 N/25 mm
<b>dimensional stability:</b>	applied onto aluminium after 48 hours stored at 70 °C (25 x 25 cm)	max. -0.45 %
<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>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: service temperature range:	min. 15°C -30 °C up to +80 °C
<b>minimum durability:</b>	7 years outdoors, with vertical exposure, in middle-european climate.	

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## PROCESSING

- printability:** The material is printable with solvent and eco solvent containing inks.  
(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 awayafter a couple of days depending on the weather.  
For a damp application we recommend the transfer liquid ASLAN TL10.  
For the application of fonts 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 flpside, but will disappear after a short period of time and don't influence the print results.
- storage life:** Before application the foils 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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