

# LightboxColour ASLAN CT 116

## The translucent colour film for illuminated signs

Self-adhesive translucent colour film for designs and letterings in lightboxes and on illuminated displays and signs. Viewed in natural daylight or externally lit by artificial light sources the film appears in the same colour.

The film is ideal for a computerised cutting of designs and lettering.

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

## Construction

<b>face-film:</b>	PVC (polymeric softness)	
<b>thickness:</b>	~ 90 µm	
<b>adhesive:</b>	acrylic pressure adhesive, removable	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	~ 5 N/25 mm ~ 15 N/25 mm
<b>dimensional stability:</b>	applied onto aluminum 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, alkaline and salts.	
<b>light proofness:</b>	DIN 53 388	non-fade grade: 6-8 (Woll-Scale)
<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>	7 years outdoors, with vertical exposure, in middle-european climate.	

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## Processing

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**application:**

Application dry or wet. If applied wet, a possible whitening of the adhesive occurs but will fade away after a couple of days depending on the weather.

For a wet application we recommend the transfer liquid ASLAN TL10.  
For the application of letterings e.g., we recommend our ASLAN application tapes.

**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 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.

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