

# ASLAN EL 302



## The glass decoration film with ice-etched effect in Dryapply technology

This self-adhesive film with its etched look and matt surface gives varied design alternatives on glass.

A silvery shimmer provides this glass decorating film an unique noble effect. Its reduced surface gloss avoids unwanted reflections while an even colouring shows the quality of the material whether viewed in reflecting light or fluoroscoped.

ASLAN EL 302 is ideal for computerised cutting of letterings, logos etc.

The ASLAN Dryapply technology has been designed especially for the dry application on large surfaces and guarantees an easy application even for inexperienced users, because bubbles can be easily wiped out.

The textured liner creates air channels in the adhesive and makes the application easy and efficient. The honeycomb pattern vanishes shortly after applied on glass. The width of 1.37 m is ideal for most printing needs.

### CONSTRUCTION

<b>face-film:</b>	PVC (polymeric softeners)	
<b>thickness:</b>	~ 80 µm	
<b>adhesive:</b>	acrylic pressure adhesive	square quantity: ~ 35 µm
<b>release liner:</b>	PE-coated silicon cardboard (both sides minted)	square weight: ~ 166 g/m <sup>2</sup>

### CHARACTERISTICS

<b>adhesive strength: (ASTMD-903)</b>	immediately after 1 week	~ 2.5 N/25 mm ~ 10 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: 7-8 (wool-scale)

# ASLAN EL 302



## CHARACTERISTICS

<b>light transmission:</b>	DIN 53 147	~ 66.5%
<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>	7 years outdoors, with vertical exposure, in middle-european climate.	

## PROCESSING

<b>application:</b>	Dry application only  For the application of letterings etc. we recommend our ASLAN application tapes respectively the ASLAN TMO.
<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 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.

state: 03|2009

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.

**ASLAN, Schwarz GmbH & Co. KG**

POB 5165 · D-51486 Overath · Oberaue 2 · D-51491 Overath · Germany

fon +49 (0) 22 04. 7 08-80 · fax +49 (0) 22 04. 7 08-50 · e-mail [info@ASLAN-schwarz.com](mailto:info@ASLAN-schwarz.com)

**[www.ASLAN-schwarz.com](http://www.ASLAN-schwarz.com)**