

# ASLAN EL 300



## The glass decoration film with etch glass effect for dry applications

This self-adhesive film with an elegant sandblasting effect gives, with its semi-glossed surface and medium translucency, varied design alternatives on glass.

The metal pigmentation 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.

The ASLAN Dryapply technology has been designed especially for dry applications on large surfaces and guarantees an easy application even for inexperienced users, because bubbles can be easily wiped out. The texture liner creates air channels in the adhesive and makes the application quick and efficient. The film can be repositioned easily during the application without creating white strikes in the vinyl.

ASLAN EL 300 is ideal for computerised cutting of letterings, logos etc.

For any further information please contact our technical advisory service:  
**+49 (0) 2204 708-80**

## CONSTRUCTION

<b>face-film:</b>	PVC (polymeric softeners)
<b>thickness:</b>	~ 80 µm
<b>adhesive:</b>	acrylic pressure adhesive, square quantity: Article-No. 14300L ~ 35 g/m <sup>2</sup> Article-No. 14301L ~ 25 g/m <sup>2</sup>
<b>release liner:</b>	PE-coated silicon cardboard with structure square weight: Article-No. 14300L ~ 166 g/m <sup>2</sup> Article-No. 14301L ~ 135 g/m <sup>2</sup>

## CHARACTERISTICS

<b>adhesive strength: (ASTMD-903)</b>	Article-No. 14300L Article-No. 14301L	immediately: ~ 2,5 N/25 mm after 1 week: ~ 10 N/25 mm immediately: ~ 1,5 N/25 mm after 1 week: ~ 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 %

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<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)

## CHARACTERISTICS

<b>light transmission:</b>	DIN 53 147	~ 66.5%
<b>combustibility:</b>	flame resistant on glass (class B – s1, d0 according to DIN EN 13501-1:2010-01)	
<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.  It must always be ensured that no water accumulates at the cut edges of the film (eg in metal or plastic frameworks) and to prevent condensation on the adhered glass. In these cases as well as in the application on freestanding, outdoor glass surfaces, a white reaction of the adhesive can be caused.	
<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.	

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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.

### 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

**www.ASLAN-schwarz.com**