

# Etched ASLAN E 300

## Glass decoration film with a sandblasted look

This self-adhesive glass decoration film with a sleek etched glass look is perfect for long-term decoration of glass surfaces and for creating customised privacy screen solutions. Full-surface applications get the same high-class appearance as plotted designs and lettering.

For further information or questions regarding special applications please contact our technical advisory service: **+49 2204.708-80**

### Construction

Face film:	PVC, polymeric	
Thickness:	~ 80 µm	
Adhesive:	pressure sensitive polyacrylate	square quantity: ~ 25 g/m <sup>2</sup>
Release liner:	silicone cardboard	square weight: ~ 140 g/m <sup>2</sup>

### Characteristics

Adhesive strength (ASTM D903):	immediately: after 1 week:	~ 6,5 N/25mm ~ 14 N/25mm
Dimensional stability:	applied onto aluminium after 48 hours stored at 70 °C (158 °F) (25 x 25 cm)	max. -0,45%
Chemical resistance:	In a preece test of 24 hours the applied film is resistant to most petroleum-based oils, greases and aliphatic solvents, mild acids, alkalis and salts.	
Light proofness:	DIN 53 388	non-fade grade: 7-8 (wool-scale)
Light transmission:	DIN 53 147	~ 66%
Combustibility:	Stuck on aluminum, the film is self-extinguishing	
Temperature:	application temperature: service temperature range:	min 15 °C (59 °F) -30 °C (-22 °F) up to +80 °C (176 °F)
Durability:	Up to 7 years outdoors, with vertical exposure, in central European standard climatic conditions.	

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## Processing

### Digital cutting:

The self-adhesive film is ideally suited for cutting. The vertical height of capital letters should not be smaller than 10 mm and a width of min. 2 mm. When cutting the self-adhesive film, the pen pressure should be set a high.

### 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 etc. we recommend our ASLAN application tapes respectively the ASLAN TMO.

### Storage:

Before application the films can be stored up to 2 years from date of production. The film must be stored at room temperature (15-25 °C / 59-77 °F) and at a relative air humidity of 50-60%. To avoid pressure points appearing on the roll surface, we recommend the rolls be stored either standing vertically or in a purposely designed 'hanging' racks.

## State 02|2022

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.