

ASLAN EC 55

The coloured translucent glass decoration film for effective glass design for long-term applications

This innovative self-adhesive film with its wide range of colours in an elegant sandblasting look gives varied design alternatives on glass and back-lit applications. A 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 whether viewed in reflecting light or fluoroscoped. Despite its final adhesive power after 24 hours, this film can be removed easily.

ASLAN EC 55 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

face-film:	soft-PVC-compound	
thickness:	~ 180 µm	
adhesive:	acrylic pressure adhesive	square quantity: ~ 25 g/m ²
release liner:	silicone cardboard	square weight: ~ 140 g/m ²

CHARACTERISTICS

adhesive strength: (ASTMD-903)	immediately after 1 week	~ 4 N/25 mm ~ 16 N/25 mm
dimensional stability:	applied onto aluminium after 48 hours stored at 70 °C (25 x 25 cm)	max. -0,5 %
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, alkalies and salts.	
light proofness:	DIN 53 388	non-fade grade: 6-8 (Woll-Scale)
combustibility:	Stuck on aluminium, the film is self-extinguishing.	
temperature:	application temperature: service temperature range:	min. 15°C -30 °C up to +80 °C
minimum durability:	5 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 whitening of the adhesive occurs but will fade away after a couple of days depending on the weather.

For a damp 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 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 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: 05|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) 2204. 708-80 · **fax** +49 (0) 2204. 708-50 · **e-mail** info@ASLAN-schwarz.com

www.ASLAN-schwarz.com