

ASLAN DFL 300



The translucent glass decoration film for digital printing

Polymeric glass decoration film with exclusive etched look effect. Metal pigments in the surface give the film a special precious finishing. A reduced surface gloss prevents unintentional reflections. This special ASLAN Dryapply technology facilitates a dry application without causing any bubbles. A texture pervaded with finest canals makes the ASLAN DFL 300 especially suitable for easy, quick and efficient applications on large surfaces.

ASLAN DFL 300 is printable with all common solvent-, or eco-/ mild-solvent inks.

For any further information please contact our technical advisory service:
+49 (0) 2204.708-80

construction

face-film:	calandered soft-PVC (polymeric softeners)	
thickness:	~ 80 µm	
adhesive:	acrylic pressure adhesive free of solvent and preservative substrates	square quantity: ~ 35 g/m ²
release liner:	siliconised cardboard (embossed)	square weight: ~ 166 g/m ²

characteristics

dimensional stability:	applied onto aluminium after 48 hours stored at 70 °C (25 x 25 cm)	max. -0,45 %
adhesive strength: (ASTMD-903)	immediately: 1 week adhered:	min. 1,0 N/cm min. 4,0 N/cm
temperature:	min. application temperature: service temperature range:	15 °C -30 °C up to +80 °C
light proofness:	DIN 53 388	non-fade grade: 7-8
light transmission:	DIN 53 147	~ 66,5 %
chemical resistance:	Resistant to most petroleum based oils, greases and aliphatic solvents. Resistant to mild acids, alkalies and salts.	
outdoor durability:	Min. 7 years when properly processed and applied (vertical exposure, unprinted film). Should the foil be exposed to extreme conditions, e.g. tropical countries, in countries with long periods of high temperature, regions of excessive ecological damage relating to high UV radiations, extreme humidity their life will be reduced.	

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combustibility: Stuck on aluminium, the film is self-extinguishing.

processing

printing: The film can be imprinted by solvent and eco solvent inks.
(The printing inks must be allowed to dry completely to avoid saturation and negative modification on the adhesive occurring.)

application: **Only dry** application.

For the application we suggest ASLAN TMO assembly foil or our ASLAN application tapes. In order to guarantee a perfect transposure of the cut film we recommend you apply the tape or the TMO onto the film, turn the cut graphic over and remove the release liner carefully.

storage properties: Adhesive power, not less than three years from date of production.
The films must be stored at room temperature and be protected from direct sunlight, excessive heat, high atmospheric humidity and dampness.
To avoid pressure points appearing on the roll surface, we recommend the rolls be stored either on end or on purpose design `hanging` racks.

state: 03|2008

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. ASLAN, Schwarz GmbH & Co. KG 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.

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