

ASLAN DF 50 Plus

The perforated film for digital printing with approval for the use on vehicles

With its 50% perforated surface this self-adhesive film is ideal for digital printing on any kind of glass surfaces, without compromising the view from the inside to the outside at all. On the print side white, glossy and opaque and on the flipside black, this film can be printed with all common solvent-, eco-/mild-solvent and UV-inks and is suitable for thermal-transfer and electrostatic printing.

In combination with the laminating film ASLAN SL 50 for the protection from UV-light, mechanical damage and pollution it is perfect for the use in advertisement on vehicles.

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

CONSTRUCTION

face-film:	PVC	Front side white, reverse side black
thickness:	~ 145 µm	
adhesive:	acrylic pressure adhesive	thickness: ~ 15 µm
release liner:	silicone paper rear cover sealed	square weight: ~ 100 g/m ²

CHARACTERISTICS

adhesive strength: (ASTMD-903)	immediately:	~ 2.5 N/25 mm
dimensional stability:	applied onto aluminium after 48 hours stored at 70 °C (25 x 25 cm)	max. -1.5 %
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.	
printing surface:	50%, cut out diameter; ~ 1.5 mm	
combustibility:	stuck on aluminium, the film is self-extinguishing. M1 and B1 certificated.	
temperature:	application temperature:	min. 15°C
	service temperature range:	-30 °C up to +80 °C
minimum durability:	3 years, with vertical exposure, in middle-european climate.	

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PROCESSING

- printability:** The material can be printed with all common solvent- and Eco-Solvent inks. (In case of inadequate drying of the printing inks the film will be sodded and the adhesive negatively affected.)
- application:** **Dry application only.**
- storage life:** Before application the films can be stored for minimum of 1 year from date of production. This only applies if the film is stored at room temperature of 15-25 °C and a relative 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.
- concession:** ASLAN is in the possession of a General Business Term (ABG) from the Federal Motor Transport Authority for road traffic admittance regulation for:

ASLAN DF 50 Plus, TÜV ABG No. D 5454, UTAC 2003
with laminate ASLAN SL 50, TÜV ABG No. 5455,

Please take notice of our utilization-guideline/ application-manual for the ASLAN DF50Plus.

state: 11|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 · Oberauel 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