

ASLAN DFP 45

The opaque, white glossy digital printing film for outdoor façades

This water-resistant façade film is developed for short term applications on any type of outdoor renderings – from simple concrete walls to coarse thermal plaster. The film is removable without leaving any residues and printable with all common solvent-, or eco-/mild-solvent inks. It is suitable for thermal-transfer and electrostatic printing.

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

construction

face-film:	soft PVC	
thickness:	~ 80 µm	
adhesive:	acrylic pressure adhesive	square quantity: ~ 250 g/m ²
release liner:	release paper, plain	square weight: ~ 120 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 on brick surface:	min. 2 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
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.	
outdoor durability:	Min. 3 months 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.	
combustibility:	Stuck on aluminium, the film is self-extinguishing.	

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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 for dry application.

As a protection against wet conditions please seal the border area with heat (approx. 10 cm width).
For the application we suggest ASLAN TMO assembly foil or our ASLAN application tapes.
In order to guarantee a perfect transposition 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.
- gloss:** There can be matt areas on the surface of glossy films near the core of the roll. These can be caused by the uprolled backing paper and will disappear shortly after applying the vinyl and does not influence the result of printing.
- storage properties:** Before application the foils can be stored for minimum 3 years from date of production. The film must be stored at room temperature (15-25 °C) 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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