

ASLAN DFP 45

The opaque, white, glossy digital-print-film for façades and outdoor walls

This digital printing film is especially designed for the temporary use on all outdoor walls. From concrete walls to coarse-grained thermal insulation this façade-film will make temporary advertising spaces out of every wall for promotion, event- and sales campaigns.

ASLAN DFP 45 is printable with all common solvent, or eco-/mild-solvent, latex and UV-inks. The usage of a protective laminate is not required. When applied, the edges of the film have to be treated with heating over 70° degrees.

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:	silicon cardboard	square weight: ~ 120 g/m ²
total thickness:	~ 450 µm	

CHARACTERISTICS

adhesive strength: (ASTMD-903)	immediately (on tile surface)	~ 5 N/25 mm
dimensional stability:	applicated onto aluminium after 48 hours stored at 70 °C (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, alkalies and salts.	
light proofness:	DIN 53 388	non-fade grade: 7-8 (wool-scale)
combustibility:	stuck on aluminium, the film is self-extinguishing.	

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temperature:	application temperature: min. 15°C service temperature range: -30 °C up to +80 °C
outdoor durability:	If entirely applied with heat into the contour the vinyl has an outdoor durability of up to 3 years.

PROCESSING

printability:	The material is printable with solvent, eco-solvent, UV-curable and latex inks. (In case of inadequate drying of the print-inks the film will be sodded and the adhesive negatively affected.)
advice:	Because of the stiffness of the material a few printers - for example Mutoh Blizzard - prone to wrinkling by the crawling of the printers. For the use of a special material please call +49 (0) 22 04. 7 08-80.
application:	The surface onto which the film is to be applied must be dry and free of dust or grease. The film must be applied dry. To seal the edges, a border of 10 cm all round should be heated with a blow dryer and pressed firm with a cloth; the film will follow the contours of the surface. Due to the wide variety of possible surface textures we recommend a trial first with the application of a test film onto the desired surface! The film should not be applied onto smooth and polished surfaces because the adhesive strengths will increase massively. Removability will be affected by that. For the application of letterings etc. we recommend our ASLAN Application Tapes respectively the ASLAN TMO.
removal:	ASLAN DFP 45 can be removed without problems and in one piece for up to six months. The outdoor wall will not be harmed if the vinyl is removed carefully and slowly.
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: 11/2011

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

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