

ASLAN DFP 46

The opaque, white, glossy digital-print-film for outdoor floor graphic applications

This digital-print-film in combination with the ASLAN MP 326 is especially designed for the use on rough surfaces in outdoor areas. It is perfect for short- and medium term applications on pavements or areas of rough stone or asphalt where the advertisement has to be removed after a short time residue-free.

ASLAN guarantees a 6 months outdoor durability, depending on the mechanical exposure.

ASLAN DFP 46 is printable with all common solvent, eco-/mild-solvent, latex and UV-hardened inks. The usage of the laminate ASLAN MP 326 together with the DFP 46 is absolutely essential.

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: ~ 100 g/m ²
release liner:	PE-coated silicon cardboard (both sides)	square weight: ~ 144 g/m ²
total thickness:	~ 300 µm	

CHARACTERISTICS

adhesive strength: (ASTMD-903)	immediately (on tile surface)	~ 5 N/25 mm
dimensional stability:	applied 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.	
combustibility:	stuck on aluminium, the film is self-extinguishing.	
temperature:	application temperature:	min. 15°C
	service temperature range:	-30 °C up to +80 °C
minimum durability:	combined with ASLAN MP 326 for 6 months outdoors in middle European climate depending on mechanical wear.	

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PROCESSING

- printability:** The material is printable with solvent, eco-solvent, UV-curable and latex inks. To protect the print from wear and to increase the skid resistance, the print has to be laminated with the ASLAN MP 326.
- application:** Flush-mounted adherence to the edges of the printing-film with the laminate ASLAN MP 326.
The surface should have a adherence temperature of at least 10-15 ° C, should be dry, firm and free of grease and the temperature shouldn't drop much within the next 72 hours. It is helpful to degrease oily surfaces with a little benzine which should also be dried off. The surface onto which the film is to be applied must be swept free of dust and dirt and be free of grease.
On rough surfaces the film can be heated with a heat gun and then pressed into hollows using a moist cloth.
To prevent the the film from coming apart at the edges, rounded corners are recommended.
In uneven areas ("puddles") durability may be limited.
- 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. The adhesive strengths will increase massively.
- 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|2010

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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