WrapTheCarpet **ASLAN DFP 49**

Self-adhesive digital printing film for applications on carpets

This digital printing film is especially designed for the temporary use on short pile carpets. The film sticks very well on carpets and is still easily removable after short term application.

The film is perfectly suitable for the use at exhibitions, at the point of sale etc. WrapTheCarpet ASLAN DFP 49 is fire rated according to DIN EN-13501-1 when it is printed and laminated.

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

Construction

face-film:	Polyester/PVC composite	
thickness:	~ 150 µm	
adhesive:	acrylic pressure adhesive	square quantity: ~ 40 g/m²
release liner:	PE-coated silicon cardboard (both sides)	square weight: ~ 144 g/m²
total thickness:	~ 320 µm	

Characteristics

adhesive strength: (ASTDM 903)	immediately (on steel)	~ 7 N/25 mm
dimensional stability:	applied onto aluminum 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, alkalis and salts.	
combustibility:	stuck on aluminum, the film is self-extinguishing.	
temperature:	application temperature: service temperature range:	min. 10°C -30 °C up to +70 °C

ASLAN, Schwarz GmbH & Co. KG
Oberauel 2 · 51491 Overath · Germany ·
phone +49 (0) 2204.708-80 · **fax** +49 (0) 2204.708-50 ·
e-mail info@ASLAN-schwarz.com

www.ASLAN-schwarz.com

ASLAN®
EXPERTISE IN SELF-ADHESIVE FILMS

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Processing

printability:

The material is printable with solvent, eco-solvent, UV-curable and latex inks as well as with screenprinting inks.
To protect the print from mechanical wear and to increase the slip resistance, the print must be protected with an ASLAN floor graphics laminating film. Before laminating the inks must have dried out for at least 48 hours.

application:

The floor graphics laminating film must be applied without overlapping.
The surface should have a temperature of at least 10-15 ° C, should be dry and firm and the temperature should not drop much within the next 72 hours.
The surface onto which the film is to be applied must be free of dust, dirt and grease.

To prevent the film from coming apart at the edges, rounded corners and simple shapes are recommended. The vinyl needs a large surface space to ensure there is a high adhesion strength to the carpet.

Due to the wide variety of possible carpet qualities we recommend a test application onto the desired surface where not visible!

removability:

WrapTheCarpet ASLAN DFP 49 can be removed in one piece without problems and without damaging the carpet. The film must be removed slowly and carefully.

gloss:

There can be matt areas on the surface of the high glossy film near the core of the roll. These may be caused by the reverse side of the silicon release liner, but will disappear after a short period of time and don't influence the print results.

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 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.

State: 07|2013

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 the suitability of our products for the intended purpose.

The quality of our products is regularly examined, upgraded and developed. We take the right, without prior notice, to adjust, upgrade and improve the chemical structures or physical characteristics of our products in accordance with our latest knowledge.

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