

WrapTheFloor ASLAN DFP 47

Self-adhesive digital printing film for smooth walls and floors in- and outdoors

With its water resistant adhesive, this film is particularly suited for temporary outdoor advertising as well as in smooth indoor areas which are exposed to moisture. It has specifically been developed for smooth floors and walls like tiles or polished stone. Its biggest advantage is an enormous time saving during removal. It can be removed in one piece without leaving residues which makes it truly unique in the market. WrapTheFloor ASLAN DFP 47 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) 22 04. 7 08-80

Construction

face-film:	Polyester/PVC composite	
thickness:	~ 150 µm	
adhesive:	acrylic pressure sensitive adhesive – water-resistant	square quantity: ~ 40 g/m ²
release liner:	PE-coated silicone cardboard (both sides)	square weight: ~ 144 g/m ²
total thickness:	~ 320 µm	

Characteristics

adhesive strength: (ASTMD-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:	flame resistant (class B – s1, d0) according to DIN EN 13501	
temperature:	application temperature: service temperature range:	min. 10°C -30 °C up to +70 °C
durability:	combined with Premium FloorProtect ASLAN MP 300 or Outdoor FloorProtect ASLAN MP 326 up to 6 months outdoors in central-European standard climatic conditions, depending on mechanical load	

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

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EXPERTISE IN SELF-ADHESIVE FILMS

WrapTheFloor ASLAN DFP 47

Processing

- printability:** The material is printable with solvent, eco-solvent, UV-curable and latex inks as well as with screen printing 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 (Premium FloorProtect ASLAN MP 300 or Outdoor FloorProtect ASLAN MP 326). Before laminating, the inks must have dried out for at least 48 hours.
- application:** WrapTheFloor ASLAN DFP 47 is only suitable for the application on smooth surfaces and must not be applied on rough surfaces.
The floor graphics laminating film must be applied without overlapping.
The surface should have an adherence temperature of at least 10-15 °C, should be dry and firm and the temperature should not drop significantly within the next 72 hours. To prevent that the film is peeling off at the edges, rounded corners are recommended.
Due to the wide variety of possible surfaces we recommend a test application on the respective surface.
- removability:** WrapTheFloor ASLAN DFP 47 can be removed without problems and in one piece for up to six months.
- gloss:** There can be matt areas on the surface of the glossy film near the core of the roll. These can be caused by the back of the backing paper, but will disappear after a short period of time and do not influence the print results.
- storage life:** Before application, the films can be stored for minimum 2 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: 09|2018

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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