

WrapTheStreet ASLAN DFP 46

Self-adhesive digital printing film for floor graphics on rough surfaces

The digital printing film for outdoor floor graphics is ideal for temporary advertising on rough surfaces such as asphalt, concrete and stone. Equipped with a special adhesive, the WrapTheStreet ASLAN DFP 46 can be applied perfectly to rough outdoor surfaces and is easily removable after usage. It must always be used in combination with the laminating films Outdoor FloorProtect ASLAN MP 326 or Premium FloorProtect ASLAN MP 300. WrapTheStreet ASLAN DFP 46 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:	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 concrete)	~ 5 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. 12°C -30 °C up to +80 °C
minimum durability:	combined with Premium FloorProtect ASLAN MP 300 or Outdoor FloorProtect ASLAN MP 326 up to 6 months outdoors in middle European climate, depending on mechanical load.	

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ASLAN®
EXPERTISE IN SELF-ADHESIVE FILMS

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Processing

printability:	<p>The material is printable with solvent, eco-solvent, UV-curable and latex inks as well as with screenprinting inks.</p> <p>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 completely. Therefore it should dry for at least 48 hours. The floor graphics laminating film must be applied without overlapping.</p>
application:	<p>The surface where it will be applied on must be dry, clean and free of grease. The size of a single motive must be at least 0.5 m². The film is only suitable for applications on rough surfaces and has to be applied with a heat gun and the ASLAN ApplicationRoll completely into the surface. The surface must have a temperature of at least 12 °C. The temperature must not drop significantly within the next 72 hours and it has to stay dry in order that the final adhesive strength is reached. To prevent that the film peels off at the edges rounded corners are recommended. In depressions the durability may be limited as water accumulates in these areas. Due to the wide variety of possible surfaces own live tests are mandatory. High load might destroy or detach the film. Humidity reduces the adhesive strength significantly. As most surfaces are breathable water regularly gets between film and surface. The film must not be applied onto smooth and polished surfaces because the adhesive strength will increase significantly and removability cannot be guaranteed.</p>
removability:	<p>WrapTheStreet ASLAN DFP 46 can be removed without problems and in one piece for up to six months. The film has to be removed slowly and carefully.</p>
gloss:	<p>There can be matt areas on the surface of the high glossy films, especially close to the core of the roll. These can be caused by the rear of the backing paper, but will disappear after a short period of time and do not influence the print results.</p>
storage life:	<p>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.</p>

State: 03/2015

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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