

WrapTheStreet ASLAN DFP 46

Self-adhesive digital printing film for floor graphics on asphalt

The digital printing film for outdoor floor graphics is ideal for temporary advertising on rough surfaces such as asphalt. 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 tile surface)	~ 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 for 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 for at least 48 hours.</p>
application:	<p>The film is only suitable for applications on rough surfaces and has to be applied with a heat gun and the ASLAN ApplicationRoll into the rough surface.</p> <p>The floor graphics laminating film must be applied without overlapping. The surface should have a temperature of at least 12 °C, should be dry, firm and free of grease and the temperature should not drop significantly within the next 72 hours. The film must be applied with a heat gun onto rough surfaces and pressed into the rough floor using a cloth.</p> <p>To prevent that the film peels off at the edges rounded corners are recommended. In uneven areas durability may be limited.</p> <p>Due to the wide variety of possible surfaces we recommend a test application on the surface.</p> <p>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.</p>
gloss:	<p>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.</p>
storage life:	<p>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.</p>

State: 29.10.2013

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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