

WrapTheHouse ASLAN DFP 45

Self-adhesive digital printing film for rough outdoor walls

The digital printing film for outdoor walls turns every facade into an effective advertising space. A special adhesive system ensures that the WrapTheHouse ASLAN DFP 45 can be applied on every rough wall. For an application time of up to 6 months it can be removed easily in one piece without leaving residues. If applied with heat on the entire surface it has an outdoor durability of up to 3 years.

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: ~ 220 g/m ²
release liner:	silicon cardboard	square weight: ~ 144 g/m ²
total thickness:	~ 450 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.	
light proofness:	DIN 53 388	non-fade grade: 7-8 (wool-scale)
combustibility:	stuck on aluminum, the film is self-extinguishing.	
temperature:	application temperature: service temperature range:	min. 15°C -30 °C up to +80 °C
outdoor durability:	If entirely applied with heat into the contour the vinyl has an outdoor durability of up to 3 years.	

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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 screenprinting inks. (In case of inadequate drying of the inks the film will be sodded and the adhesive negatively affected.)
advice:	Because of the high thickness of the material in a few printers - for example Mutoh Blizzard – wrinkles can be caused. For further information please contact us under +49 (0) 22 04. 7 08-80.
application:	<p>The film is only suitable for applications on rough surfaces and must be applied dry with a heat gun and the ASLAN ApplicationRoll.</p> <p>The surface onto which the film is to be applied must be dry and free of dust or grease. The film must be applied dry.</p> <p>To seal the edges, a border of 10 cm all round should be heated with a heat gun and pressed firm with a cloth; the film will follow the contours of the surface.</p> <p>Due to the wide variety of possible surface we recommend a test application on the surface.</p> <p>The film should not be applied onto smooth and polished surfaces because the adhesive strength will increase significantly and removability cannot be guaranteed.</p>
removability:	WrapTheHouse ASLAN DFP 45 can be removed without problems and in one piece for up to six months. The outdoor wall will not be harmed if the vinyl is removed carefully and slowly.
gloss:	There can be matt areas on the surface of the 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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