

# WrapTheHouse ASLAN DFP 45

## White, glossy digital printing film for rough walls and facades

This glossy, digitally printable facade film transforms any plastered or exposed brick wall into an eye-catching advertising space. Thanks to its special adhesive technology, it can be easily applied to all types of exterior plaster as well as brick and removed without leaving any residue – for up to six months. If the film is applied with all-over heat, it has an outdoor durability of up to three years. This makes the weatherproof WrapTheHouse ASLAN DFP 45 perfect for short- to medium-term outdoor and indoor use.

For further information or questions regarding special applications please contact our technical advisory service: **+49 2204.708-80**

### Construction

Face film:	PVC	
Thickness:	~ 80 µm (~ 3.15 mil)	
Adhesive:	pressure sensitive polyacrylate	square quantity: ~ 220 g/m <sup>2</sup>
Release liner:	double sided PE coated paper	Square weight: ~ 140 g/m <sup>2</sup>

### Characteristics

Adhesive strength (ASTM D903):	immediately (on tile surface):	~ 5 N/25mm
Dimensional stability:	applied onto aluminium after 48 hours stored at 70 °C (158 °F) (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 (59 °F) -30 °C (-22 °F) up to +80 °C (176 °F)
Durability	If fully applied with heat onto the substrate, the film has an outdoor durability of up to 3 years.	

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## Processing

### Printability:

The material is printable with solvent, eco-solvent, latex and UV-curing as well as screen printing inks. In case of insufficient drying of the printing inks, the film will be sodded and the adhesive negatively affected.

### Caution!

Some printers, e.g. Mutoh Blizzard, might cause wrinkles in the material, due to its high thickness. For further information, please contact us on +49 (0) 22 04. 7 08-80.

### Application:

The film is suitable for applications on rough surfaces only and must be applied with a heat gun and the ASLAN ApplicationRoll.

The surface onto which the film is to be applied must be dry and free of dust or grease. To seal the edges, a border of 10 cm all round should be treated with a heat gun and pressed firm with a cloth; the film will adapt to the substrate.

Due to the wide variety of possible surfaces, we recommend a test application on the surface! If the film is applied onto smooth and polished surfaces, the adhesive strength will increase significantly. In this case a removability cannot be guaranteed. Stain resistant paints on rough surfaces often do not allow a good adhesion.

### Removability:

WrapTheHouse ASLAN DFP 45 can be removed in one piece within six months. The exterior wall will not be damaged, if the film is removed carefully and slowly.

### Storage:

Before application the films can be stored up to 2 years from date of production. The film must be stored at room temperature (15-25 °C / 59-77 °F) and at a relative air humidity of 50-60%. To avoid pressure points appearing on the roll surface, we recommend the rolls be stored either standing vertically or in a purposely designed 'hanging' racks.

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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.