

# WrapTheHouse ASLAN DFP 45

## Self-adhesive glossy digital printing film for rough interior and exterior walls

This digital printing film for rough walls turns every plastered or brick wall into an eye-catching advertising space. A special adhesive ensures that the digital printing film can be applied on almost all rough walls. For an application time of up to 6 months it can be removed easily in one piece without leaving residues. If fully applied with heat, the film has an outdoor durability of up to three years. Therefore, the weather-proof WrapTheHouse ASLAN DFP 45 is ideally suited for temporary and medium-term exterior and interior applications.

For any further information please contact our technical advisory service:  
**+49 (0) 2204.708-80**

## Construction

|                  |   |   |
|------------------|---|---|
| face-film:       | plasticised PVC                           |   |
| thickness:       | ~ 80 µm                                   |   |
| adhesive:        | acrylic pressure sensitive adhesive       | square quantity: ~ 220 g/m <sup>2</sup> |
| release liner:   | PE-coated silicone cardboard (both sides) | square weight: ~ 144 g/m <sup>2</sup>   |
| total thickness: | ~ 450 µm                                  |   |

## Characteristics

|                                   |   |                                     |
|-----------------------------------|---|-------------------------------------|
| adhesive strength:<br>(ASTMD-903) | immediately (on tile surface)   | ~ 5 N/25 mm                         |
| dimensional stability:            | applied onto aluminum<br>after 48 hours stored at 70 °C<br>(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<br>(wool-scale) |
| combustibility:                   | Stuck on aluminum, the film is self-extinguishing.  |                                     |
| temperature:                      | application temperature:<br>service temperature range:  | min. 15°C<br>-30 °C up to +80 °C    |
| durability:                       | If fully applied with heat onto the substrate, the film has an outdoor durability of up to 3 years.   |                                     |

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**ASLAN**®

EXPERTISE IN SELF-ADHESIVE FILMS

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## Processing

|                      |  |
|----------------------|--|
| <b>printability:</b> | 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.   |
| <b>advice:</b>       | 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.   |
| <b>application:</b>  | <p>The film is suitable for applications on rough surfaces only and must be applied 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 is to be applied dry.<br/>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.</p> <p>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.<br/>Stain resistant paints on rough surfaces often do not allow a good adhesion.</p> |
| <b>removability:</b> | 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.   |
| <b>gloss:</b>        | On the surface of glossy films matt areas might occur near 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.   |
| <b>storage life:</b> | 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.   |

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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.

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