

WrapTheHouse Matt ASLAN DFP 55

Matt 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 Matt ASLAN DFP 55 is ideally suited for temporary and medium-term exterior and interior applications.

Particularly for applications in places, where reflections ought to be avoided, this film provides an optimal solution. In addition, the film's finish blends well with matt colours.

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

Construction

| | | |
|------------------|---------------------------------|-----------------------------------------|
| Face film: | PVC, white, matt | |
| Thickness: | ~ 80 µm | |
| Adhesive: | pressure sensitive polyacrylate | square quantity: ~ 220 g/m ² |
| Release liner: | double sided PE coated paper | square weight: ~ 144 g/m ² |
| Total thickness: | ~ 450 µm | |

Characteristics

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|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| 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 aluminium, 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: | Once the film is fully and correctly applied with heat onto the substrate, it will last up to 3 years outdoors. | |

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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.

Application:

The film is suitable for applications on rough surfaces only and must be applied with a heat gun and the ASLAN ApplicationRoll. The temperature of the hot air should not exceed 120 °C, since the matt level of the film's surface might be reduced.

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.

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 Matt ASLAN DFP 55 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 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.