

Print'nGo Street ASLAN DFP 36

Directly printable floor graphics film for applications on rough floors with non-slip safety class R9

This self-adhesive white digital printing film offers ideal conditions for short-term floor graphic applications. The 125 µm thick film for rough interior and outdoor floors (e.g. asphalt). The film is equipped with a structured surface and is conform to the DIN 51130 standard as well as non-slip safety class R9. With the common large format printing systems it generates an excellent, scratch-resistant print image and thus does not require an additional protective laminate.

Not only its slip-resistance, but also its direct printability and residue-free removability make this product a safe and at once efficient floor graphics solution for applications at the point of sale, in airports, train stations, shopping malls, exhibitions etc.

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

Construction

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| Face film: | PVC, structured | |
| Thickness: | ~ 125 µm | |
| Adhesive: | pressure sensitive polyacrylate | Square quantity: ~ 100 g/m ² |
| Release liner: | double sided PE coated paper | Square weight: ~ 144 g/m ² |

Characteristics

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| Non-slip standards: | DIN 51130: ANSI: Pendulum Test: | R 9 classification A137.1/A326.3 BS 7976:2 |
| Adhesive strength (ASTM D903): | immediately (on concrete): | ~ 5 N/25 mm |
| Dimensional stability: | applied onto aluminium after 48 hours stored at 70 °C (158 °F) (25 x 25 cm) | max. -1.5 % |
| 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: | applied 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: | Up to 6 months indoors depending on mechanical load in central-European standard climatic conditions. | |

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Processing

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| Printability: | The material is printable with solvent, UV curing and screen printing inks as well as third generation latex inks. In case of insufficient drying of the printing inks, the film will be sodded and the adhesive negatively affected. |
| Application: | <p>The surface must be free of dust, grease and oil. The size of a single motive must be at least 0.5 m². The film is only suitable for applications on rough surfaces and has to be applied with a heat gun and the ASLAN ApplicationRoll completely into the surface. The surface must have a temperature of at least 12 °C. The temperature must not drop significantly within the next 72 hours and it has to stay dry in order that the final adhesive strength is reached.</p> <p>To prevent that the film peels off at the edges rounded corners are recommended. In depressions the durability may be limited as water accumulates in these areas. Due to the wide variety of possible surfaces own live tests are mandatory. High load might destroy or detach the film. Humidity reduces the adhesive strength significantly. As most surfaces are breathable water regularly gets between film and surface. 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: | Print'nGo Street ASLAN DFP 36 can be removed without problems and in one piece for up to six months. The film has to be removed slowly and carefully. |
| Storage: | Before application the film 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. |

State 12|2021

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.