

Print'nGo ASLAN DFP 43

White, highly slip-resistant, directly printable floor graphics film with non-slip safety class R12

Self-adhesive white digital printing film for floor graphic indoor applications. No laminating film required. The 140 µm thick film is directly printable, especially slip-resistant and fulfills a variety of international non-slip safety standards listed below.

The R12 as well as DIN 51097 for wet barefoot walkways. These safety classes are mandatory for floor applications such as kitchens or barefoot walkways.

For further information or questions regarding special applications please contact our technical advisory service:
+49 2204 70880

Construction

Face film:	Structured white polymeric PVC	
Thickness:	~ 140 µm (5.5 mil)	
Adhesive:	Acrylic pressure sensitive adhesive	Square quantity: ~ 35 g/m ²
Release liner:	Silicone paper, PE-coated on both sides	Square weight: ~ 140 g/m ²

Characteristics

Non-slip standards:	DIN 51130: DIN 51097: ANSI: Pendulum Test:	R 12 classification (class C) for wet barefoot walkways A137.1/A326.3 BS 7976:2
Adhesive strength (ASTM D903):	immediately after 1 week	~ 6.4 N/25 mm ~ 12.4 N/25 mm
Dimensional stability:	applied onto aluminium after 48 hours stored at 70 °C (158 °F) (25 x 25 cm)	no longitudinal or lateral shrinkage
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 and mild alkalis.	
Combustibility:	flame resistant according to flame retardant standard DIN 4102 / B1	
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 wear in central-European standard climatic conditions	

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Processing

Printability

The material is printable with solvent, eco-solvent, latex and UV curable inks. Inks must dry out completely prior to application in order to avoid that the film and adhesive are affected by the inks.

Application:

Small glass particles on the surface make the film especially rough and slightly sanding. It does not affect the printing process negatively. Due to the production process, there might occur small black particles in the film. They do not influence the functionality and are nearly invisible if it is applied on the floor.

The film should be applied with the ASLAN Application Roll or a plastic squeegee without felt edge. The material is only suitable for smooth indoor surfaces.

Cleaning:

We recommend to clean the film with a mop. The product is resistant against standard floor detergents. The use of a scrubber dryer is also possible. For a partial cleaning a wet cloth can be used. Rough surfaces are more difficult to clean than smooth surfaces.

Storage life:

Before application the film can be stored for 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 in 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.