

Premium FloorProtect R12 ASLAN MP 300

The highly slip-resistant floor graphics laminating film with non-slip safety class R12

Self-adhesive laminating film for floor graphics for outdoor and indoor applications. The 140 µm thick film is 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 2204.708-80**

Construction

Face film:	PVC, polymeric, special coated	
Thickness:	~ 140 µm (5.5 mil)	
Adhesive:	pressure sensitive polyacrylate	square quantity: ~ 25 g/m²
Release liner:	double sided PE coated paper	square weight: ~ 140 g/m²

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 72 hours:	~ 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)	max: ~ -0,3%
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 EN 13501- (class Bfl-s1, printed with UV, Latex, Solvent in combination with ASLAN DFP 46, 47 & 49)	
Temperature:	application temperature: service temperature range:	min. 15 °C (59 °F) -30 °C (-22 °F) up to +80 °C (176 °F)

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Processing

Application:

Prior to laminating the print must be dried-out at least 48 hours.

Small glass particles on the surface make the film especially rough and slightly sanding. 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. For mechanical laminating processes we recommend to protect the rollers of the laminator with a protection film.

The film should be applied with the ASLAN Application Roll or a plastic squeegee without felt edge.

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.

If applied outdoors it can also be cleaned with a pressure washer. Please note that a sufficient distance has to be held and that the edges are not put under too strong pressure in order to avoid that the edges peel off. Rough surfaces are more difficult to clean than smooth surfaces.

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.