FloorProtect R11 **ASLAN MP 330**

The laminating film for indoor and outdoor floor graphics with non-slip safety class R11

Self-adhesive protective lamination film for floor graphics applications, suitable for both indoor and outdoor use. The 170 µm thick film is resistant to scratches and foot traffic, effectively protecting prints from mechanical wear. FloorProtect R11 ASLAN MP 330 features a textured surface and has been tested for slip resistance in accordance with DIN EN 16165, Annexes B, C, and D, as well as American National Standard A137.1/A326.3. Thanks to its high-quality adhesive, this protective film is also suitable for outdoor applications.

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

Construction

Face film:	PVC, polymeric, structured	
Thickness:	~ 170 µm (6.7 mil)	
Adhesive:	pressure sensitive polyacrylate	square quantity: ~ 40 g/m²
Release liner:	Double-sided PE coated paper	square weight: ~ 63 g/m²

Characteristics

Non-slip standards:	DIN EN 16165, Annexes B, C and D: ANSI A137.1/A326.3:	R 11 classification DCOF rating 0.53
Adhesive strength (ASTM D903):	immediately after 72 hours	~ 4 N/25 mm ~ 15 N/25 mm
Dimensional stability:	applied onto aluminium after 48 hours stored at 70 °C (158 °F) (25 x 25 cm)	max. -0.5 %
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 and mild alkalis.	
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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ASLAN®
KOMPETENZ IN SELBSTKLEBEFOLIEN

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Processing

Application:

For the protection of prints the film should be applied dry. The print must be dried-out at least 48 hours before laminating.

The film should be applied with an application roller using a heat gun and appropriate pressure.

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.

ASLAN recommends the use of a scouring agent to remove rubber abrasions.

Storage life:

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.

State 11|2024

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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