

# PremiumProtect ASLAN SL 17

## Polymeric softened protective film for long-term outdoor use

This transparent, high-gloss self-adhesive film provides smooth surfaces with long-term protection from UV-rays, the weather and mechanical wear. The high-quality laminate is ideal for use with ASLAN digital printing films, but can also protect prints on paper, such as posters and plans, as well as painted and plastic surfaces. Due to its high amount of adhesive, the lamination film is ideally suitable to protect prints made with UV curable inks.

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

### Construction

Face film:	PVC (polymeric)	
Thickness:	~ 75 µm (3 mil)	
Adhesive:	pressure sensitive polyacrylate	square quantity: ~ 35 g/m²
Release liner:	silicone cardboard	square weight: ~ 90 g/m²

### Characteristics

Adhesive strength (ASTM D903):	immediately: after 1 week:	~ 10 N/25mm ~ 15 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.	
Combustibility:	Stuck on aluminum, 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 7 years outdoors, with vertical exposure, in central European standard climatic conditions.	

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## Processing

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### Application:

Application dry or wet. If application wet, a possible whitening of the adhesive occurs but will fade away after a couple of days depending on the weather.

For a wet application we recommend the transfer liquid ASLAN TL10.

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

To avoid the entering of moisture, the film should be applied with 1cm lapped on each side of the print.

### 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.

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