RearProjection transparent **ASLAN RP 36**

Self-adhesive transparent rear projection film for glass surfaces

RearProjection transparent ASLAN RP 36 is a self-adhesive film that creates rear projection surfaces that can be operated with a projector. The film is so transparent that backgrounds, for instance products exhibited behind a shop window, remain visible at all times, while projections are of brilliant reproduction quality. ASLAN RP 36 is designed for application on any glass surface that is supposed to also serve as a projection screen, such as shop windows or glass panels in restaurants, malls, exhibitions, offices etc. Give your transparent surfaces an additional function and use them as a display screen for advertisement and/or broadcasts of sport events. The rear projection film is also suitable for interactive projections.

For additional information, please contact our technical advisory service:
+49 22 04. 7 08-80

Construction

face-film:	polyester (with special coating)	
thickness:	~ 50 µm	
adhesive:	pressure sensitive polyacrylate adhesive	square quantity: ~ 30 g/m²
release liner:	siliconised polyester	square weight: ~ 75 µm

Characteristics

adhesive strength: (ASTMD-903)	immediately after 1 week	~ 6.0 N/25 mm ~ 14.0 N/25 mm
dimensional stability:	applied onto aluminum after 48 hours stored at 70 °C (25 x 25 cm)	 max. -0.05 %
light transmission:	DIN 53 147	approx. 88 %
temperature:	application temperature:	min. 15 °C (dry application) min. 20 °C (wet application)
	service temperature range:	-30 °C up to +80 °C
minimum durability:	5 years outdoors, with vertical exposure, in central European standard climatic conditions	
viewing angle:	+/- 80 °	

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ASLAN®
EXPERTISE IN SELF-ADHESIVE FILMS

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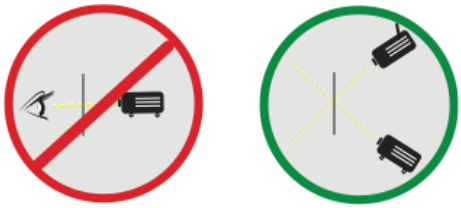
Processing

projection:

The RearProjection transparent ASLAN RP 36 film can be used with projectors, such as mobile projectors, installation projectors, short distance projectors, full HD projectors and interactive projectors.

To achieve optimum rear projection results, the following points are to be considered:

- The projector needs to have an image reversal option.
- The projection result, as with all rear projections, relates to the lighting conditions of the surroundings. In general, a high lumen projector is recommended (minimum 5,000 ANSI lumens in daylight). Direct sunlight onto the projection surface is to be avoided.



digital cutting:

The self-adhesive film is ideally suited for cutting. The vertical height of capital letters should not be smaller than 5 mm. For the application of lettering etc. we recommend using the application tape LowTackTape ASLAN TP 110.

application:

When installing the film with a flatbed applicator, the film is to be applied dry.
In case of a manual installation, we recommend applying the film wet. However, a wet application is only possible to a limited extend, in consideration and compliance of our separate processing instructions for wet applications.

RearProjection transparent ASLAN RP 36 is exclusively suited for smooth, even, non-elastic and non-curved surfaces. The film must not be applied on outgassing surfaces like non-tempered acrylic glass, since bubbles might occur, particularly under short-term exposure to heat.

storage life:

Before application, the films can be stored for minimum 3 years from date of production. The film must be stored at room temperature (15-25 °C) 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: 02|2018

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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