

# RearProjection ASLAN RP 35

## Self-adhesive rear projection film for transparent surfaces

Self-adhesive film for multimedia applications in shops, exhibitions, offices, malls or public buildings. The white translucent film is applied behind transparent glass surfaces. With a projector movies are projected on the film, making them visible from the outside for eye-catching advertising.

For additional information please contact our technical advisory service:  
**+49 (0) 22 04. 7 08-80**

## Construction

|                |                              |  |
|----------------|------------------------------|--|
| face-film:     | PVC<br>(polymeric softeners) |  |
| thickness:     | ~ 90 µm                      |  |
| adhesive:      | acrylic pressure adhesive    | square quantity: ~ 26 g/m <sup>2</sup> |
| release liner: | silicone paper (both sides)  | square weight: ~ 67 g/m <sup>2</sup>   |

## Characteristics

|                                   |   |                                     |
|-----------------------------------|---|-------------------------------------|
| adhesive strength:<br>(ASTMD-903) | immediately<br>after 1 week   | ~ 5,2 N/25 mm<br>~ 7,4 N/25 mm      |
| dimensional stability:            | applied onto aluminum<br>after 48 hours stored at 70 °C<br>(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. |                                     |
| light proofness:                  | DIN 53 388  | non-fade grade: 7-8<br>(wool-scale) |
| light transmission:               | DIN 53 147  | approx. 46 %                        |
| combustibility:                   | stuck on aluminum, the film is self-extinguishing.  |                                     |
| temperature:                      | application temperature:<br>service temperature range:  | min. 15°C<br>-30 °C up to +80 °C    |
| durability:                       | up to 7 years outdoors, with vertical exposure, in middle-European climate.   |                                     |

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**ASLAN**®

EXPERTISE IN SELF-ADHESIVE FILMS

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## Processing

### Application:

The rear projection film RearProjection ASLAN RP 35 can be used for all customary projectors, such as mobile projectors, installation projectors, short distance projectors, full HD projectors and interactive projectors.

To reach best rear projection results please consider the following:

- The projector needs to play movies in reverse mode
- We recommend a strong and bright projector in order to make the movie visible also at daylight
- The rear projection film is also suitable for interactive usage without the need of an interactive board. To use this feature a projector with an interactive function is needed.

Application dry or wet. If applied wet, the adhesive can turn milky. This effect will fade away after a couple of days depending on the weather.

For a wet application we recommend the transfer liquid ASLAN TL 10.

### 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: 10|2013

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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**Papergraphics is proud to be the UK importer and distributor of the unique ASLAN self-adhesive vinyl range.**

**Overview**

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papergraphics

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ASLAN and Papergraphics have a long-standing partnership with combined expertise of over 100 years in developing and supplying premium large-format digital print media for print service providers (PSPs). ASLAN self-adhesive products focus on quality, creativity and application problem-solving to make printing, installing and using ASLAN self-adhesive vinyl and films easy and effective for both PSPs and their customers.

If you'd like to know more about the availability of ASLAN self-adhesive vinyl and films or would like to discuss your project's needs with one of our experts, **please call the team at Papergraphics on 0345 1300 662**

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