

# Blockout ASLAN W 16

## Self-adhesive opaque blockout film for lightboxes with white adhesive side

With its white adhesive side, this practically opaque black PVC-film in double-layer quality is specially designed for blocking out areas in illuminated advertising. Applied to light-emitting glass surfaces, such as shop fronts or windows, the self-adhesive film is also suitable for darkening rooms. Blockout ASLAN W 16 is ideal for creating lettering and plotted logos/designs. An otherwise identical film is also available in white with a black adhesive side: Blockout ASLAN W 15.

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

### Construction

|                |                                 |  |
|----------------|---------------------------------|--|
| Face film:     | PVC, polymeric, doubled         |  |
| Thickness:     | ~ 130 µm                        |  |
| Adhesive:      | pressure sensitive polyacrylate | square quantity: ~ 20 g/m <sup>2</sup> |
| Release liner: | silicon paper                   | square weight: ~ 140 g/m <sup>2</sup>  |

### Characteristics

|                                |   |  |
|--------------------------------|---|--|
| Adhesive strength (ASTM D903): | immediately:<br>after 1 week:   | ~ 3.5 N/25 mm<br>~ 13.5 N/25 mm                            |
| Dimensional stability:         | applied onto aluminium<br>after 48 hours stored at 70 °C (158 °F)<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. |  |
| Combustibility:                | Stuck on aluminium, the film is self-extinguishing.   |  |
| Light proofness:               | DIN 53 388  | non-fade grade: 7-8 (wool-scale)                           |
| Temperature:                   | application temperature:<br>service temperature range:  | min 15 °C (59 °F)<br>-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 applied 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 application of letterings etc. we recommend our ASLAN Application Tapes respectively the ASLAN TMO.

The surface must be free of dust, grease and oil.

### 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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