

# WindowBlock ASLAN DFP 25

## Double-sided white blackout film for digital printing

This high-opacity self-adhesive blackout film is white on both sides, making it ideal for double-sided advertising on glass. The high opacity of the blackout layer prevents the print motif from showing through. In combination with a reversely printed clear digital printing film, both sides of a glass surface can be used without actually applying any film on the outside. This gives you double-sided advertising that is protected against vandalism and environmental influences.

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

### Construction

Face film:	PVC, white on both sides	
Thickness:	~ 180 µm (~ 7 mil)	
Adhesive:	pressure sensitive polyacrylate	square quantity: ~ 20 g/m <sup>2</sup>
Release liner:	double sided PE coated paper	Square weight: ~ 140 g/m <sup>2</sup>

### Characteristics

Adhesive strength (ASTM D903):	immediately: after 72 hours:	~ 3.8 N/25 mm ~ 7.5 N/25 mm
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.	
Light proofness:	DIN 53 388	non-fade grade: 7-8 (wool-scale)
Combustibility:	Flame resistant according to flame retardant standard DIN 4102 / B1	
Temperature:	application temperature: service temperature range:	min 15 °C (59 °F) -30 °C (-22 °F) up to +80 °C (176 °F)
Durability	Up to 3 years outdoors, with vertical exposure, in middle-European climate. To extent the durability of the inks, the film can be laminated with itself.	

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## Processing

### Digital cutting:

The self-adhesive film is ideally suited for cutting. The vertical height of capital letters should not be smaller than 20 mm. When cutting the self-adhesive film, the pen pressure should be set a high and a cutter blade for thicker materials should be chosen.

### Printability:

The material is printable with solvent, eco solvent, UV curable and latex inks as well as with screenprinting inks. In case of inadequate drying of the inks the film will be sodded and the adhesive negatively affected.

### 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 transferliquid ASLAN TL10.  
For the application of letterings etc. we recommend our ASLAN Application Tapes respectively the ASLAN TMO.

The film can be removed from smooth surfaces easily even after longer time.

### 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.