

Illustra Dot ASLAN IL 352



Glass decoration film with decorative design

The self-adhesive glass decoration film Illustra-Dot gives transparent surfaces a fresh and modern appearance. The transparent film is printed with an appealing, white design. The self-adhesive film is ideally suitable for applications that are meant to guarantee a modern sight protection while ensuring a high light transmission. Finest air release channels allow air bubbles to be wiped out with ease and make the application fast and easy.

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

Construction

face-film:	PVC (polymeric softeners)	
thickness:	~ 80 µm	
adhesive:	acrylic pressure adhesive, square quantity:	~ 15 g/m ²
release liner:	PE-coated silicon cardboard with structure square weight:	~ 135 g/m ²

Characteristics

adhesive strength (ASTMD-903):	immediately:	~ 4,9 N/25 mm
	after 1 week:	~ 16,1 N/25 mm
dimensional stability:	applied onto aluminum after 48 hours stored at 70 °C (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 (class B - s1, d0) according to DIN EN 13501	
temperature:	application temperature:	min. 15°C
	service temperature range:	-30 °C up to +80 °C
durability:	up to 7 years outdoors, with vertical exposure, in central-European climate.	

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ASLAN[®]
EXPERTISE IN SELF-ADHESIVE FILMS

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Processing

application: Dry application only. After the application the adhesive gets smoother and therefore more transparent. This process primarily depends on the temperature and the application itself. We therefore recommend to press on the film properly after the application.

It must always be ensured that no water accumulates at the cut edges of the film (e.g. in metal or plastic frameworks) and to prevent condensation on the adhered glass. In these cases as well as in the application on freestanding, outdoor glass surfaces, a white reaction of the adhesive can be caused

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

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: 09|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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