

GlassColour ASLAN CT 113

The transparent coloured film for applications on glass

Self-adhesive transparent coloured film for brilliant designs and advertising on glass and many other surfaces. By applying one colour on top of another colour an unlimited number of effects is possible. For even more effects, the film is printable using solvent, eco-solvent, latex or UV curable inks.

The film is ideal for a computerised cutting of designs and lettering.

For further information or questions regarding special applications please contact our technical advisory service:
+49 2204 70880

Construction

Face film:	Soft PVC	
Thickness:	~ 80 µm (~ 3.15 mil)	
Adhesive:	Polyacrylic pressure sensitive adhesive, removable	Square quantity: ~ 22 g/m ²
Release liner:	Silicone cardboard	Square weight: ~ 140 g/m ²

Characteristics

Adhesive strength (ASTM D903):	Immediately: After 72 hours:	~ 7.5 N/25 mm ~ 15 N/25 mm
Dimensional stability:	Applied onto aluminium after 48 hours stored at 70° C (158 °F) (25 x 25 cm)	max. -0.5 %
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 and mild alkalis.	
Light proofness:	DIN 53 388	Non-fade grade: 6-8 (Woll scale)
Combustibility:	Stuck on aluminum, the film is self-extinguishing.	
Temperature:	Application temperature: Service temperature range:	min. 15 °C (15 °F) -30 °C (-22 °F) up to +80 °C (176 °F)
Durability:	3-5 years outdoors, with vertical exposure, in central-European standard climatic conditions.	

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Processing

Printability:	The material is printable with solvent, eco-solvent, UV-curable and latex inks. In case of inadequate drying of the print-inks the film will be sodded and the adhesive negatively affected.
Application:	<p>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.</p> <p>For wet application we recommend the transfer liquid ASLAN TL10. For the application of fonts etc. we recommend our ASLAN application tapes respectively the ASLAN TMO.</p>
Gloss:	There can be matt areas on the surface of the high glossy film near the core of the roll. These can be caused by the rear of the backing paper, but will disappear after a short period of time.
Storage life:	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.