

PrintEtched Dryapply ASLAN DFL 302



Printable glass decoration film with etched glass effect for easy dry application

This printable, self-adhesive glass decoration film with exclusive etched glass effect creates striking effects on any glass surface. Metallic pigments give this self-adhesive film a special finish and high-quality look. It is ideally printable with solvent, eco solvent, latex, UV curable and screen printing inks.

The unique ASLAN Dryapply technology makes application particularly quick and easy. A special structure with extremely fine air release channels guarantees bubble-free dry application. This structure, combined with a special adhesive, allows easy repositioning during application without risk of damage (stress whitening). After application, the adhesive wets out and the adhesive strength increases, making the film ideal even for long-term applications.

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

Construction

Face film:	PVC (polymeric softeners)	
Thickness:	~ 80 µm (~ 3.15 mil)	
Adhesive:	Acrylic pressure sensitive adhesive	square quantity: ~ 25 g/m ²
Release liner:	PE-coated silicone cardboard (double-sided), with structure	square weight: ~ 135 g/m ²

Characteristics

Adhesive strength (ASTM D903):	immediately: after 1 week:	~ 3 N/25mm ~ 9 N/25mm
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)
Light transmission:	DIN 53 147	~ 66.5%
Combustibility:	Stuck on aluminum, the film is self-extinguishing.	
Temperature:	application temperature: service temperature range:	min 15 °C (59 °F) -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

Printability:

The material is printable with solvent, eco-solvent, latex and UV-curing as well as screen printing inks. In case of insufficient drying of the printing inks, the film will be sodded and the adhesive negatively affected.

Application:

The film is to be applied dry only.

Using a squeegee, the material is to be applied with even and firm pressure, so that the adhesive can completely reach its final adhesion. Otherwise, a detachment of the self-adhesive film from the substrate might be caused.

For the application of letterings etc. we recommend our ASLAN application tapes or our mounting film ASLAN TMO. After removing the application tape, we additionally recommend to firmly press down the edges of the film once more with a squeegee.

It must always be ensured that no water accumulates at the cutting edges of the film (e.g. in metal or plastic frameworks) and no condensation forms on glass panes onto which the films has been installed. In such cases, and when the film is applied on a freestanding glass surface, a whitening of the adhesive might occur.

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.