SilverEtched Dryapply **ASLAN EL 302**

Glass decoration film with silver etched glass effect for dry application

This self-adhesive glass decoration film with silver etched glass effect is ideal for creating creative designs and sight protection on any glass surface. 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 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 sensitive adhesive	square quantity: ~ 25 µm
release liner:	PE-coated silicone cardboard (double-sided), with structure	square weight: ~ 135 g/m²

Characteristics

adhesive strength: **(ASTMD-903)**	immediately after 1 week	~ 3 N/25 mm ~ 9 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)
light transmission:	DIN 53 147	~ 57 %
combustibility:	flame resistant (class B – s1, d0) according to DIN EN 13501	
temperature:	application temperature: service temperature range:	min. 15°C -30 °C up to +80 °C
minimum durability:	7 years outdoors, with vertical exposure, in central-European standard climatic conditions	

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ASLAN®
EXPERTISE IN SELF-ADHESIVE FILMS

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Processing

application:

The film is to be a 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 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: 06|2017

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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