PrintMilky Dryapply **ASLAN DFL 210**

Printable glass decoration film with a milk glass look for dry application

This self-adhesive glass decoration film with a milk glass look is perfect for long-term decoration of transparent surfaces and for creating customised privacy screen solutions. Full-surface applications get the same high-class appearance as plotted designs and lettering as well as printed designs. It is perfectly suited for digital printing using solvent, eco-solvent, latex and UV-curing inks as well as screen printing.

The unique ASLAN Dryapply technology guarantees an exceptionally clean, fast and easy dry application. Bubbles can be removed with ease thanks to very fine air release channels. In particular large sections can be applied much more easily.

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

Construction

Face film:	PVC, polymeric	
Thickness:	~ 80 µm (~ 3.15 mil)	
Adhesive:	pressure sensitive polyacrylate	square quantity: ~ 25 g/m²
Release liner:	double sided PE coated paper, embossed	square weight: ~ 135 g/m²

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	~ 46%
Combustibility:	Classified to Euroclass flame retardant standard DIN EN 13501-1: B-s1, d0	
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.	

ASLAN Selbstklebefolien GmbH
Oberauel 2 | 51491 Overath | Germany
Fon +49 2204 708 80

E-Mail info@aslanfolien.de
Web www.aslanfolien.de

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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 30 mm and a width of min. 3 mm. When cutting the self-adhesive film, the pen pressure should be set a high.

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.

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