

MetalEffect Doming ASLAN DCA 120

Metal effect film especially for doming applications

The 120 µm thick, self-adhesive metal effect film is particularly suitable for doming applications. In conjunction with printed motifs, its silver brushed surface causes an impressive depth effect, which has a high relevance for doming stickers. Due to our proven UltraTack adhesive, the adhesive side of the film sticks safely even on challenging surfaces.

The polymeric PVC film is printable with common digital printing systems. Of course, it is also usable without doming wherever a strong-adhesion metal effect film is needed.

For any further information please contact our technical advisory service: **+49 2204 70880**

Construction

Face film:	PVC (polymeric softened)	
Thickness:	~ 120 µm	
Adhesive:	pressure sensitive polyacrylate adhesive	Square quantity: ~ 25 g/m ²
Release liner:	silicone paper, PE-coated on both sides	Square weight: ~ 144 g/m ²

Characteristics

Adhesive strength (ASTMD-903):	immediately: after 72 hours:	~ 8 N/25 mm ~ 18 N/25 mm
Dimensional stability:	applied onto aluminium 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, alkaline and salts.	
Light proofness:	DIN 53 388	non-fade grade: 7-8 (wool scale)
Temperature:	application temperature: service temperature range:	min. 15 °C -30 °C up to +80 °C
Durability:	2 years outdoors, with vertical exposure in central European standard climatic conditions.	
Combustibility:	Stuck on aluminum, the film is self-extinguishing.	

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Processing

Printability:	The material is printable with solvent, eco-solvent, latex, UV-curing and screen-printing inks. In case of insufficient drying of the printing inks, the film will be sodded and the adhesive negatively affected.
Application:	<p>The film is to be applied 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. The surface has to be smooth and not absorbing as well as free of dust, grease and oil.</p> <p>We recommend to perform a test application before applying the film onto surfaces with a non-stick coating.</p> <p>For wet applications we recommend the transfer liquid ASLAN TL10. For the application of letterings etc. we recommend our ASLAN application tapes respectively the ASLAN TMO.</p>
Storage:	Before application the film can be stored for minimum 2 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.

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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.