

GalleryLAM ASLAN SL 98



Very brilliant, scratch-resistant protective laminate for finishing digital prints

With its ultra-gloss surface, the 125 µm thick PET film transforms all types of prints into real works of art. The surface of the film is extremely scratch-resistant and looks like glass due to the very high gloss level. Prints and photographs laminated with this film appear like a gallery prints behind glass. This means that the laminate can be used for any form of finishing in which strong contrasts and scratch resistance are required. Whether for use in museums, restaurants, hotels or at home - a surface finished with GalleryLAM laminate is always eye-catching.

The scratch-resistant surface is easy to clean and the film is easy to apply using a laminator or applicator. Like all ASLAN laminates, it is equipped with an adhesive that also allows lamination on UV prints without silvering.

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

Construction

Face film:	polyester with special varnish	
Thickness:	~ 125 µm (~ 4.92 mil)	
Adhesive:	pressure sensitive polyacrylate	square quantity: ~ 40 g/m²
Release liner:	siliconised polyester film	square weight: ~ 35 g/m²

Characteristics

Adhesive strength (ASTM D903):	immediately:	~ 4.0 N/25mm
	after 72 hours:	~ 14.0 N/25mm
Dimensional stability:	applied onto aluminium after 48 hours stored at 70 °C (158 °F) (25 x 25 cm)	no shrinkage measurable
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.	
Combustibility:	Classified to Euroclass flame retardant standard EN 13501-1	
Temperature:	application temperature:	min 15 °C (59 °F)
	service temperature range:	-30 °C (-22 °F) up to +80 °C (176 °F)
Durability:	Up to 3-5 years outdoors, with vertical exposure, in central European standard climatic conditions.	

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Processing

Application:

In general, the film should be applied dry.

Static Electricity is an unavoidable side effect when processing insulated materials. Therefore, sufficient grounding is required and avoidance of dust is important. Increasing the humidity also helps to reduce the static charge.

The print should be allowed to dry for at least 48 hours before lamination.

A protective laminate can alter the color of a digital print. To achieve the best possible result after lamination, we therefore recommend creating the color profile for the digital printer of a laminated color sheet / proof sheet.

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.