

MetalMatt AntiScratch ASLAN SE 80

Premium matt, highly scratch-resistant metal effect film in four finishes

Understatement at its finest: This self-adhesive polyester film is available in four premium matt metallic effects with a highly scratch-resistant special coating. It is ideal for smooth surfaces that are frequently exposed to mechanical contact, abrasion or scratching – such as in shopfitting and interior design, POS/POP and retail displays, or on cladding in public spaces (e.g. lifts, corridors, waiting areas or wall panelling). The high-performance scratch-resistant coating ensures the film retains its premium appearance even under heavy use.

The film is easy to cut and perfectly suited for sophisticated lettering, logos and graphics, as well as for full-surface decoration of signs and other smooth substrates. Thanks to its fully dyed material, MetalMatt AntiScratch ASLAN SE 80 is particularly suitable for glass surfaces – featuring a premium matt finish on the front and a glossy adhesive side. The film is designed for both indoor and outdoor applications.

This premium matt metallic-effect film is available in silver, gold, copper and rose gold. On request, additional variants are available in brushed matt copper, silver, gold and stainless steel.

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

Construction

Face film:	Polyester, metallised with special coating	
Thickness:	~ 60 µm (2.6 mil)	
Adhesive:	pressure sensitive polyacrylate	square quantity: ~ 25 g/m²
Release liner:	silicon paper	square weight: ~ 140 g/m²

Characteristics

Adhesive strength (ASTM D903):	immediately:	~ 2,5 N/25 mm
	after 1 week:	~ 11 N/25 mm
Dimensional stability:	applied onto aluminium after 48 hours stored at 70 °C (158 °F) (25 x 25 cm)	no shrinkage measurable
Temperature:	application temperature:	min 15 °C (59 °F)
	service temperature range:	-30 °C (-22 °F) up to +80 °C (176 °F)
Durability:	Up to 2 years outdoors, with vertical exposure, in central European standard climatic conditions.	

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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 20 mm (0.8").

Application:

In general, the film can be applied dry.

A wet application reduces static and helps positioning. Being a PET base film water can't diffuse through the film. Therefore, all water used has to be squeegeed out during application.

For the application of letterings etc. we recommend our application tape UniversalTape ASLAN TP 122.

MetalMatt AntiScratch ASLAN SE 80 is suitable exclusively for smooth, even surfaces and is not intended for use on curved substrates.

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.