

ASLAN NL 145

The impressive luminescent film

This high quality, self-adhesive luminescent film conforms to DIN 67510-1 qualification and therefore can be used in public and constructional areas, because she is ideal to indicate danger zones like escape passageways or extinguishing aids.

Especially high is the luminous power after shutting off the lighting. The effect of the charging and luminescence can be repeated as often as wished and will last about eight hours.

The film is cadmium-free and not radioactive, has a high adhesive tack and is printable as well as silk-screen printing inks or with all common digital printers with eco-solvent inks. Compared with competitive products ASLAN NL 145 distinguishes through its very low green cast and shows the advantage by making the true-colour alive.

ASLAN NL 145 can also be used for computerised cutting of letterings, logos etc.

For any further information please contact our technical advisory service:
+49 (0)2204.708-80

CONSTRUCTION

face-film:	3-layered PVC-film	
thickness:	~ 330 µm	
adhesive:	acrylic pressure adhesive	square quantity: ~ 60 g/m ²
release liner:	silicon cardboard	square weight: ~ 140 g/m ²

CHARACTERISTICS

adhesive strength: (ASTMD-903)	immediately after 1 week	~ 12.5 N/25 mm ~ 37.5 N/25 mm
dimensional stability:	after 48 hours stored at 70 °C (25 x 25 cm)	max. - 0.5 %
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.	
luminance:	DIN 67510-1, after 10 and 60 min.	mcd/m ² 30/3,5
decay time:	DIN 67510-1, 500 min.	

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CHARACTERISTICS

combustibility:	Stuck on aluminium, the film is self-extinguishing.	
temperature:	application temperature:	min. 15°C
	service temperature range:	-30 °C up to +80 °C

PROCESSING

printability:	The material is printable with PVC-serigraphic inks. (In case of inadequate drying of the print-inks the film will be sodded and the adhesive negatively affected.) The printability with modern digital printing has to be tested in advance.
application:	Dry application only.
	For the application of letterings etc. we recommend our ASLAN Application Tapes respectively the ASLAN TMO.
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 relativ 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: 08|2012

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 our products suitability for the purpose intended.

The quality of our products is regularly examined, upgraded and developed. We reserve the right, without prior notice, to adjust, upgrade and improve the chemical structures or physical characteristics of their products in accordance with their latest knowledge.

ASLAN, Schwarz GmbH & Co. KG

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