

ASLAN CL 142

The opaque self-adhesive fluorescent film

The brilliant colour-expression of this fluorescent vinyl ensures that your letterings will get the impacts you wanted them to do.

This high quality film is excellent in use for computerised cutting of designs and lettering.

If it is used on flexible-faces, please ask our application technician (tel. +49 (0) 2204-708-23).

Technical data

Construction

face-film:	calandered soft PVC (monomeric softeners)	
thickness:	~ 200 µm	
adhesive:	acrylic pressure adhesive	square quantity: ~ 22 g/m ²
release liner:	poly coated cardboard	square weight: ~ 140 g/m ²

Characteristics

dimensional stability:	applied onto aluminium after 48 h stored at 70 °C (25 x 25 cm)	max. - 1,5 %
adhesive strength (ASTMD-903)	immediately: 1 week adhered: removable from stable substrates without any residue.	min. 1,0 N/cm min. 3,0 N/cm
temperature:	min. application temperature: service temperature range:	15 °C -30 °C up to +80 °C
chemical resistance:	Resistant to most petroleum based oils, greases and aliphatic solvents. Resistant to mild acids, alkalies, and salts.	
durability:	for short time exterior and interior applications when properly processed and applied (vertical exposure, unprinted film). Should the foils be exposed to extreme conditions, e.g. tropical countries, in countries with long periods of high temperature, regions of excessive ecological damage relating to high UV radiations, extreme humidity their life will be reduced.	
combustibility:	stuck on aluminium, the film is self-extinguishing.	

Processing

- printing: The film can be imprinted by screen process.
The printing inks must be allowed to dry completely to avoid saturation and negative modification on the adhesive occurring.
- application: Both dry or wet.
During wet application the adhesive might be coloured white. This will - subject to weather conditions - disappear within a few days.
For wet application we recommend the ASLAN Transfer-Liquid TL 10.

For the application we suggest ASLAN TMO assembly foil or our ASLAN application tapes. In order to guarantee a perfect transposition of the cut film we recommend you apply the tape or the TMO onto the film, turn the cut graphic over and remove the release liner carefully.
- colour adaption: Like every product, coloured films have production tolerances. For large contracts, where a large quantity of the same colour film is required, care should be taken on the following lines:

Each graphic should be from the same roll. For multi cutting jobs the rolls need to be supplied from the same production batch. Before placing your order please make us aware if this is required.

To ensure same colour impression to the human eye, films should be cut and applied longline.
- storage properties: Adhesive power, not less than three years from date of production.
The films must be stored at room temperature (15 – 25 °C) and be protected from direct sunlight, excessive heat, high atmospheric humidity and dampness.
To avoid pressure points appearing on the roll surface, we recommend the rolls be stored either on end or on purpose design `hanging` racks.

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. ASLAN, Schwarz GmbH & Co. KG 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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