

ASLAN CA 30

Digitally printable metal effect film for long-term outdoor applications

This high-quality metal effect film made is made of PVC-coated polyester. It is available in several designs and in glossy and brushed effects. in silver and gold. Due to its metallic effect on both sides it is suitable for glass design and therefore also for mirror-inverted letterings and logos on shop-window insides.

ASLAN CA 30 is digitally printable. It is suitable for the cutting plotter for computerised cuttings of designs and letterings after adapting the settings.

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

CONSTRUCTION

face-film:	compound of polymeric soft-PVC and polyester	
thickness:	~ 140 µm	
adhesive:	acrylic pressure adhesive	square quantity: ~ 22 g/m ²
release liner:	silicone cardboard PVC-coated on both sides	square weight: ~ 144 g/m ²

CHARACTERISTICS

adhesive strength: (ASTMD-903)	immediately after 1 week	~ 6 N/25 mm ~ 19,8 N/25 mm
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, alkalies and salts.	
combustibility:	stuck on aluminium, the film is self-extinguishing.	
temperature:	application temperature: service temperature range:	min. 15°C -30 °C up to +80 °C
minimum durability:	5 years outdoors, with vertical exposure, in middle-european climate.	

ASLAN CA 30

PROCESSING

- printability:** The material is digitally printable with digital printing with all major solvent, eco-/mild-solvent, latex and UV inks.
(In case of inadequate drying of the printed inks the film will be sodded and the adhesive negatively affected.)
- application:** This film is applicated dry only and should not be applicated on gas-permeable surfaces, like tempered acrylic glass or translucent eleastic cloth.

For the application of letterings etc. we recommend our ASLAN Application Tapes respectively the ASLAN TMO.

The ASLAN CA 30 can only be applied on smooth and even surfaces and is not suitable for curved surfaces.
- gloss:** There can be matt areas on the surface of the high glossy film near the core of the roll. These may be caused by the silicon cardboard flipside, but will disappear after a short period of time and don't influence the print results.
- 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: 05|2011

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

POB 5165 · D-51486 Overath · Oberauel 2 · D-51491 Overath · Germany
fon +49(0)2204.708-80 · **fax** +49(0)2204.708-50 · **e-mail** info@ASLAN-schwarz.com

www.ASLAN-schwarz.com