

# ASLAN EC 50

## The pastel coloured glass-decoration film for long-term applications

This innovative glass decoration film with its four pastel-colours yellow, pink, light blue and mint green gives varied design alternatives on glass and back-lit applications with its elegant sandblasting look.

A metal-pigmentation provides this glass decorating film an unique noble effect on both sides. Its reduced surface gloss avoids unwanted reflections whereas its consistent, streak free colouring shows the high quality of the material.

ASLAN EC 50 is ideal for computerised cutting of letterings, logos etc.

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

### CONSTRUCTION

|                       |                           |                                       |
|-----------------------|---------------------------|---------------------------------------|
| <b>face-film:</b>     | PVC (polymeric softened)  |                                       |
| <b>thickness:</b>     | ~ 80 µm                   |                                       |
| <b>adhesive:</b>      | acrylic pressure adhesive | square quantity: ~ 25 µm              |
| <b>release liner:</b> | silicone cardboard        | square weight: ~ 140 g/m <sup>2</sup> |

### CHARACTERISTICS

|   |  |                                     |
|---|--|-------------------------------------|
| <b>adhesive strength:<br/>(ASTMD-903)</b> | immediately<br>after 1 week  | ~ 7 N/25 mm<br>~ 14 N/25 mm         |
| <b>dimensional stability:</b>             | applied onto aluminium<br>after 48 hours stored at 70 °C<br>(25 x 25 cm)   | max. -0,5 %                         |
| <b>chemical resistance:</b>               | 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. |                                     |
| <b>light proofness:</b>                   | DIN 53 388   | non-fade grade: 6-8<br>(Wool-Scale) |
| <b>combustibility:</b>                    | stuck on aluminium, the film is self-extinguishing.  |                                     |
| <b>temperature:</b>                       | application temperature:<br>service temperature range:   | min. 15°C<br>-30 °C up to +80 °C    |
| <b>minimum durability:</b>                | 5 years outdoors, with vertical exposure, in middle-european climate.  |                                     |

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## PROCESSING

- printability:** The material is printable with solvent, eco solvent or UV based inks.  
(In case of inadequate drying of the print-inks the film will be sodded and the adhesive negatively affected.)
- application:** Application dry or wet. A possible whitening of the adhesive occurs but will fade away after a couple of days depending on the weather.  
  
For a wet application we recommend the transfer liquide ASLAN TL10.  
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.

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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 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.

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**ASLAN, Schwarz GmbH & Co. KG**

POB 5165 · D-51486 Overath · OberaueI 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**