

ASLAN D 160

The ideal film for the diffusion of light in light boxes

With its high translucency of 46 % this film assures an ideal diffusion of light in every kind of light box. By using ASLAN D 160 the light bulbs in the light box are not visible and the light is evenly spread.

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

CONSTRUCTION

| | | |
|-----------------------|------------------------------|--|
| face-film: | PVC (polymeric softeners) | |
| thickness: | ~ 85 µm | |
| adhesive: | acrylic pressure adhesive | square quantity: ~ 25 g/m ² |
| release liner: | silicone paper (both sides) | square weight: ~ 67 g/m ² |

CHARACTERISTICS

| | | |
|---|--|-------------------------------------|
| adhesive strength: (ASTMD-903) | immediately after 1 week | ~ 5 N/25 mm ~ 7.5 N/25 mm |
| dimensional stability: | applied onto aluminium after 48 hours stored at 70 °C (25 x 25 cm) | max. -0.45 % |
| 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. | |
| light proofness: | DIN 53 388 | non-fade grade: 7-8 (wool-scale) |
| light transmission: | DIN 53 147 | approx. 46 % |
| 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: | 7 years outdoors, with vertical exposure, in middle-european climate. | |

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PROCESSING

- application:** Application dry or damp. If applied damp, a possible whiteing of the adhesive occurs but will fade away after a couple of days depending on the weather.
- For a damp application we recommend the transfer liquid ASLAN TL10.
For the application of fonts etc. we recommend our ASLAN Application Tapes respectively the ASLAN TMO.
- storage life:** Before application the films can be stored for a minimum of 3 years from the date of production. The film must be stored at room temperature (15-25 °C) and a relative humidity of the air of 50-60%. To avoid pressure points appearing on the roll surface, we recommend the rolls be stored either vertically standing or for this purpose designed 'hanging' racks.

state: 11|2008

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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