

## Description

Innovative glass decoration film for many creative applications, also convenient for light boxes. Also usable for outdoor - applications, approx. 5 years outdoor-durability.

ASLAN EC 55 is suitable for cutting and can be printed with all current solvent and ecosolvent-inks. Very manuable on flat surfaces: can be repositioned easily.

## Technical Data

### Construction

<b>Face Flim</b>	Soft-PVC-sandwich
<b>Thickness</b>	180 µm
<b>Adhesive</b>	Acrylic pressure adhesive square quantity: ~ 25 g/m <sup>2</sup>
<b>Release Liner</b>	Single sided coated cardboard square weight: ~ 140 g/ m <sup>2</sup>

### Characteristics

<b>Dimensional Stability:</b>	applicated onto aluminium after 48 h stored at 70 °C (25 x 25 cm) maximum - 0.5 %
<b>Adhesive Strength (ASTMD-903)</b>	Immediately: ~ 0.5 N/cm 1 week adhered: minimum 8.0 N/cm
<b>Temperature:</b>	Min. application temperature: 15 °C service temperature range: -30 °C bis + 80 °C
<b>Light Properties:</b>	DIN 53 388 non-fade grade 6-8
<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>Outdoor Durability:</b>	Approx. 5 years when properly processed and applied (vertical exposure, unprinted film).  Should the foils be exposed to extreme conditions, e.g. tropical climate, 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.
<b>Combustibility:</b>	Stuck on AL, the film is self-extinguishing.

**Technical Data** (continued)**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:**

Film can be applied both dry or wet. During a wet application the adhesive might become slightly white. This will – subject to weather conditions – disappear within a few days.

For the application we recommend 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 of the TMO onto the film, turn the cut graphic over and remove the kraft 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 cutted and applied longline.

**Storage Properties:**

Before application the foils can be stored for minimum 3 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.