

CaressColour ASLAN CC 124



Flocked self-adhesive decorative film in 9 different colours

A 50 µm thick PET film with a flock surface (approx. 400-450 µm) in a wide range of colours. The high-quality flock fibres are applied very densely, offering an impressive soft, velvety feel. The decorative film is therefore ideal as an atmospheric feature on all smooth surfaces used in shop fitting, architecture and exhibition stand design. Regardless of whether it is used to cover entire surfaces, for plotter cut graphics and logos, or combined with other decorative films, the effect is not only visually stunning but also sensual to the touch.

Thanks to the silicone liner, which is PE-coated on both sides, the film exhibits good lay flat qualities. In addition, ASLAN's water-based adhesive system is perfect for all interior applications. The film can also be removed from glass and metal surfaces without leaving any residue.

For further information or questions regarding special applications please contact our technical advisory service:
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Construction

Face film:	Polyester, coated with flock fibres	
Thickness:	~ 50 µm (plus ~ 400-450 µm flock fibres) ~ 1.9 mil (plus ~ 15.7-17.7 mil flock fibres)	
Adhesive:	pressure sensitive polyacrylate	Square quantity: ~ 25 g/m ²
Release liner:	double-sided PE coated paper	Square weight: ~ 140 g/m ²

Characteristics

Adhesive strength (ASTM D903):	Immediately: After 72 hours:	~ 3.5 N/25 mm ~ 12.5 N/25 mm
Dimensional stability:	applied onto aluminium after 48 hours stored at 70 °C (158 °F) (25 x 25 cm)	No shrinkage measurable
Temperature:	Application temperature: Service temperature range:	min 10 °C (50 °F) -30 °C (-22 °F) up to +80 °C (176 °F)

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Processing

Digital cutting:

The film is ideal for plotting. The cap height of lettering should be at least 10 mm. When plotting the self-adhesive flock film, work with an increased knife pressure. The plotter knife should be set to a thick quality.

Due to the flock fibres, it is possible that the cut contours are not clearly visible. In the case of very intricate designs, it is advisable to first apply application tape and weed from the back. It is important to use a high tack application tape. However, ensure that the tape is only left on the fibres for weeding and application purposes and is taken off immediately thereby removing as few flock fibres as possible.

Due to possible variations in the material thickness (see volume of flock fibres), the setting of the depth of the plotter knife must be adjusted for each material batch.

Surface:

Due to production, a slight irregularity of the flock fibre density may occur. These spots with a maximum diameter of 3 mm do not justify a complaint.

Application:

The film is to be applied dry.

CaressColour ASLAN CC 124 is exclusively suited for smooth, even, non-elastic and non-curved surfaces. The film must not be applied on outgassing surfaces like non-tempered acrylic glass, since bubbles might occur, particularly under short-term exposure to heat.

Under certain circumstances, an outdoor durability of a few months is possible – e.g. in the case of seasonal window dressing. However, please be aware if moisture (rain) and frost interact, it is possible that the flock fibres could be partially lost over a large area. If the flock fibres are exposed to moisture for a long time, abrasion is more likely. We recommend that the customer tests the suitability of the product for the required purpose.

Cleaning:

The flock surface can be cleaned with a little water or a light detergent. If the surface appears flat and loses its uniformity, the fibres can be lifted again using steam. It is important to ensure that the film is processed with as little heat as possible so as not to damage the adhesive.

Storage life:

Before application the films can be stored up to 2 years from date of production. The film must be stored at room temperature (15-25 °C / 59-77 °F) and at a relative air humidity of 50-60%. To avoid pressure points appearing on the roll surface, we recommend the rolls be stored either standing vertically or in a purposely 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 the suitability of our products for the intended purpose.

The quality of our products is regularly examined, upgraded and developed. We take the right, without prior notice, to adjust, upgrade and improve the chemical structures or physical characteristics of our products in accordance with our latest knowledge.