

# SparkleColour ASLAN SC 123



## Glittering self-adhesive decorative film in six colours

A 350 µm thick PET film containing particles of glitter that gives it an incredible sparkly effect. In fact, the unusually high level of glitter particles offers the perfect light reflection to its maximum effect. The film is available in the colours black, white, gold, silver, red and green. It is suitable for use on all smooth surfaces, bringing a touch of glamour to shop displays, architecture features and trade fair designs. Ideal for use on glass as the colour effect is double sided with only a slightly reduced glitter effect on the back. What's more, due to the transparent carrier film, it is easy to apply.

Thanks to the liner, PE-coated on both sides, the film has good lay flat qualities. ASLAN's excellent water-based adhesive system enables it to be bonded to glass with high transparency and excellent colour brilliance. In addition, the film can be removed from glass and metal surfaces without leaving any residue.

For a minimum order of 500 metres linear 30 further colours are available.

For further information or questions regarding special applications please contact our technical advisory service: **+49 2204.708-80**

## Construction

Face film:	Polyester, coated with glitter	
Thickness:	Effect film (PET + liner): ~ 350 µm (~ 13.8 mil) Protection film: ~ 100 µm (~ 3.9 mil)	
Adhesive:	pressure sensitive polyacrylate	square quantity: ~ 25 g/m <sup>2</sup>
Release liner:	double sided PE coated paper	square weight: ~ 140 g/m <sup>2</sup>

## Characteristics

Adhesive strength (ASTM D903):	immediately:	~ 6 N/25mm
	after 1 week:	~ 14 N/25mm
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 15 °C (59 °F) -30 °C (-22 °F) up to +80 °C (176 °F)

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## Processing

### Digital cutting:

The self-adhesive film is ideally suited for cutting. The vertical height of capital letters should not be smaller than 30 mm. When cutting the self-adhesive film, the pen pressure should be set high and a cutter blade for thicker materials should be chosen.

It is supplied with a protection film on the top surface. This film limits the amount of glitter getting on to the work area. It also acts as a transfer tape, which means the product is plotter-cut from the back in mirror image and therefore an application tape is not needed.

### Printability:

In principle, the surface of the SparkleColour ASLAN SC 123 can be printed with UV-curable inks in flatbed printing. In this case, ASLAN recommends monitored print tests. Glitter particles should be blown off in advance with compressed air, and if necessary, the height of the print heads should be adjusted. ASLAN assumes no liability for damage to the print heads or other printer components caused by glitter particles.

### Application:

The film is to be applied dry.

SparkleColour ASLAN SC 123 can only be applied on smooth and even surfaces. The substrate must be free of dust, grease and oil. It should not be applied to outgassing surfaces, such as non-tempered acrylic, as bubbles may form, especially under short-term heat exposure.

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 glitter effect could be partially lost over a large area. If the glitter is 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.

### Storage:

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.