

HoloWave ASLAN SE 73



Self-adhesive effect film with rainbow shimmer and wavy finish

The HoloWave ASLAN SE 73 combines an intense, metallic rainbow shimmer with a dynamic wavy design. This 50 µm metallised polyester film is dimensionally stable and shrink-free. Thanks to its double-sided effect, it is particularly well suited for applications on glass surfaces, and it has nearly invisible transitions in the effect thanks to subtle overlapping waves with a blurred gradient.

The 50 µm thick polyester film with special coating is easy to cut and ideal for indoor and outdoor applications on smooth surfaces. The double-sided effect is particularly impactful on glass. Its printability with latex and UV curable inks opens additional creative design possibilities.

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

Construction

Face film:	polyester with metallised effect coating	
Thickness:	~ 50 µm (~ 1.9 mil)	
Adhesive:	pressure sensitive polyacrylate	square quantity: ~ 25 g/m²
Release liner:	double sided PE coated paper	square weight: ~ 140 g/m²

Characteristics

Adhesive strength (ASTM D903):	immediately:	~ 4 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:	min. 15 °C (59 °F)
	service temperature range:	-30 °C (-22 °F) up to +80 °C (176 °F)
Durability:	Up to 3 years outdoors, with vertical exposure, in central European standard climatic conditions.	

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Processing

Printability:

The film can be printed with all UV curable and latex inks as well as with screen printing inks. When applying prints produced with latex inks, wet application must always be carried out using application tape.

Cutting:

The film is ideal for plotter cutting. The capital letter height of lettering should be at least 20 mm. When cutting the self-adhesive film, increased blade pressure is required.

Application:

The film can be applied either dry or wet. For wet application, we recommend using ASLAN TL 10 transfer liquid. Wet application often helps to prevent static charge and makes positioning easier. However, in such cases, please note that water diffuses poorly through the polyester surface, so it is essential that all water is fully squeezed out during squeegeeing. When printed with latex inks, a wet application must always be done with application tape.

During wet application, the film should be slide and positioned into the desired place. Once the film is correctly positioned, the water must be carefully squeegeed out using a squeegee. After this step, repositioning is no longer possible, as the adhesive has been activated.

Residue-free removal is only possible once the adhesive has fully dried (at least 36 hours).

For the application of letterings etc. and to avoid scratches, we recommend the use of our ASLAN application tapes, e.g. the LowTackTape ASLAN TP 110. The substrate must be free from dust, oil and grease.

The HoloWave ASLAN SE 73 can only be applied on smooth and even surfaces and is not suitable for curved surfaces. It must not be applied on evaporating surfaces such as tempered acrylic glass.

When rolling up finished prints or letterings for transport, an intermediate layer of e.g. silicone paper should be used to avoid scratching the surface.

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.