

## F-Sign Platinum

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**PRODUCT DESCRIPTION / BENEFITS** F-Sign Platinum series is the ideal choice for Branding purpose as well as for medium to long term internal and external applications. The high gloss premium polymeric vinyl, UV stabilised, has an external colour stability up to 10 years. The very cohesive solvent-based adhesive provides an excellent dimensional stability and water resistance. The kraft liner is designed for trouble-free plotter cutting on a wide variety of computerised sign cutting equipment.

For an easier stripping & weeding, the liner of white films is coated with a blue contrast silicone. Product REACH & RoHS compliant.

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**TYPICAL USE**

- Branding on vehicle, windows, panels
- Long term indoor and outdoor advertising
- Directional Signage

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**CONSTRUCTION**

- **Face film:** 65 µm calendered polymeric vinyl
- **Adhesive:** permanent clear solvent-based acrylic
- **Release liner:** clay coated kraft paper 135 g/m<sup>2</sup>  
Airflow liner: micro-structured PE coated kraft paper 140 g/m<sup>2</sup>

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**CONVERTING METHOD** Specially developed for trouble-free plotter cutting on a wide variety of computerised sign cutting equipment. Printable by thermal transfer and screen-printing method.

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**APPLICATION METHOD / INSTRUCTIONS FOR USE** F-Sign Platinum series is suitable for flat, uneven and curved surfaces. For extremely curved surfaces or with corrugations, the product should be cut and applied with an overlap. Application temperature above 10°C on clean and degreased substrates.

Products with kraft liner are suitable for dry and wet application method, while products with Airflow liner are only suitable for dry application method

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**EXPECTED DURABILITY** The expected vertical outdoor durability in Central Europe (zone 1) is:

- 10 years for white & black films
- 8 years for coloured films
- 5 years for metallic films

This information is based on real life experience and artificial aging according to ISO 4892-2.

Note: Exposure to severe temperature and ultra-violet light will cause a quicker deterioration. This applies also to polluted area, high altitude, horizontal applications, and south-facing exposure in north hemisphere.

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**SHELF LIFE** Shelf life is 2 years, when stored at 23 °C and 50 % relative humidity conditions. Higher temperatures and/or humidity levels will reduce product shelf life.

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## F-Sign Platinum

PHYSICO-CHEMICAL PROPERTIES / TYPICAL VALUES			
	Property	Value	Standard
	Face thickness, without adhesive	65 µm	ISO 534-80
	Face thickness, with adhesive	90 µm	ISO 534-80
	Tensile strength (machine direction)	> 10 N/cm	ISO 527
	Elongation at break (machine direction)	> 150%	ISO 527
	Fire resistance on aluminium	Self-extinguishing	ISO 3795:1989
	Dimensional stability (1 week @70 °C on glass)	0,2 mm	FTM 14
	Adhesion on glass - 20 minutes	13 N/25mm	FTM 1
	- 24 hours	16 N/25mm	
	- 1 week	18 N/25mm	
	Minimum application temperature	+10 °C	
	Service temperature	From -40 °C to +90 °C	
	One side siliconized clay coated paper liner	135 g/m <sup>2</sup>	ISO 536
	Airflow liner: micro-embossed PE coated kraft paper	140 g/m <sup>2</sup>	
	Humidity resistance	No effect	200 hours exposure
	Water resistance	No effect	24 hours immersion
	Detergent (1% solution)	No effect	24 hours immersion
	Isopropyl alcohol / Water (20/80)	No effect	10 minutes immersion
	Sporadic contact with hydrocarbons	No effect	5 minutes immersion

### QUALITY CERTIFICATION



### DISCLAIMER

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