

RITRAMA

Ri-Mark Platinum

TECHNICAL DATA SHEET

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PRODUCT DESCRIPTION / BENEFITS

Ri-Mark 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. All our products are REACH & RoHS compliant.

TYPICAL USE

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

CONSTRUCTION

- **Face film:** 65 µm calendered polymeric vinyl
- **Adhesive:** permanent clear solvent-based acrylic
- **Release liner:** clay coated kraft paper 120 g/m²

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.

APPLICATION METHOD / INSTRUCTIONS FOR USE

Ri-Mark Platinum series is suitable for uneven and curved surfaces. For extremely curved surfaces or with corrugations, the product should be cut and applied with an overlap. Suitable for dry and wet application method. Application temperature above 10°C on clean and degreased substrates.

EXPECTED DURABILITY

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

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

This information is based on real file 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.

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.

Ri-Mark Premium

PHYSICO-CHEMICAL PROPERTIES / TYPICAL VALUES

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
Initial adhesion on glass (20 minutes)	13 N/25mm	FTM 1
Adhesion on glass (24 hours)	16 N/25mm	FTM 1
Final adhesion on glass (1 week)	18 N/25mm	FTM 1
Minimum application temperature	+10 °C	
Service temperature	From -40 °C to +90 °C	
One side siliconized clay coated paper liner	120 g/m ²	ISO 536
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

QUALITY CERTIFICATION**DISCLAIMER**

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