

Vision Ri-Mark Etched Glass - PTA.

Technical Data Sheet

Description

Ri-Mark Etched Glass series is the ideal choice for windows decoration with etched effect, ensuring privacy and allowing natural light transmission.

The Ri-Mark Etched Glass series is made with translucent cast (PTC) and polymeric calendered films (PTA, PTAS and PTF), UV stabilised, manufactured in such a way to ensure a uniform matt appearance, with a colour stability up to 7 years for outdoor use and up to 12 years for indoor use in case of PTC and 9 years in case of PTA, PTAS and PTF.

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. Alternatively, the Airflow liner provides an easier product installation. Available in frosted appearance (PTC, PTA and PTAS) and dusted appearance (PTF).

All products are REACH & RoHS compliant.

Typical Use

- Windows decoration on restaurants, bars, museums, showrooms...
- Privacy applications in banks, offices, homes, ...

Construction

- Face film: 80 µm cast vinyl (= PTC)
80 µm calendered polymeric vinyl (=PTA, PTAS and PTF)
- Adhesive: Permanent clear solvent-based acrylic
Removable clear solvent-based acrylic
- Release liner: Clay coated kraft paper 120 g/m2 or
Airflow liner: micro-embossed PE coated kraft paper 140 g/m2.

Properties

Face thickness, without adhesive	80 µm	ISO 534-80
Face thickness, with adhesive	100 µm	ISO 534-80
Tensile strength (machine direction)	> 20 N/cm	ISO 527
Elongation at break (machine direction)	>120%	ISO 527
Fire resistance on aluminium	Self-extinguishing	ISO 3795:1989
Dimensional stability (1 week @70 °C on glass)		
PTC (cast)	0.1 mm	FTM14
PTA, PTAS, PTF (polymeric) permanent	0.2 mm	
PTA (polymeric) removable	0.4 mm	
Adhesion on glass (20 minutes) permanent	13 N/25mm	FTM 1
	(24 hours) 16 N/25mm	
	(1 week) 18 N/25mm	
Adhesion on glass (20 minutes) removable	5 N/25mm	FTM 1
	(24 hours) 6 N/25mm	
	(1 week) 7 N/25mm	
Minimum application temperature		+10 °C
Service temperature		From -40°C to +90°C
One side siliconized clay coated paper liner		120 g/m2
Airflow, micro-embossed PE coated kraft paper		140 g/m2 - ISO 536