



Polymeric Laminate

Description

Film consisting of a 70- μ m, cadmium-free, polymeric, calendered PVC which is coated with a pressure-sensitive acrylic adhesive. Gloss surface finish for cold lamination.

Characteristics of the film

	AVERAGE VALUES
Thickness (μm)	70
Tensile strength (N/25 mm)	min. 40
Elongation at break (%)	min. 100
Shrinkage (mm) after 168 hours at 70 °C	< 0.5
Absorption UV-A (400-315 nm)	70 %
Absorption UV-B (315-280 nm)	100 %

Liner

- Silicone-coated paper of 80 g/m².
- Stable under hygrometric variations.

Adhesive properties (Average values measured at the time of editing the technical data sheet)

		AVERAGE VALUES
Peel on glass at 180° (N/25mm)	20 minutes after application	16
	24 hours after application	21
Initial tack (N/25mm)		19
Release (N/25mm)		0.30
Resistance to solvents: the adhesive is resistant to most chemicals (alcohol, diluted acids, oils).		

Adhesive

- Solvent-based acrylic adhesive
- Immediate and permanent adhesion, suitable for wet application.

Usage guide

- Minimum application temperature recommended: +10 °C (+50 °F)
- Operating temperature range: from -40 °C to +90 °C (from -40 °F to +194 °F)
- UV-proof
- Good stability when applied to RM-POLYVIN and RM-POLYAIR
- In the case of already painted substrates, self-adhesive media must only be applied onto undamaged original paintwork. If the paint is not the original paintwork or/and is damaged, the application and the removal are at the installer's own judgement and own risk.

Storage

- Shelf life (before application): 2 years if it is stored at a temperature ranging from +15 °C to +25 °C (+59 °F to +77 °F), at 50 % relative humidity, in its original packaging, in upright position, in a dust-free environment.

Durability (Central Europe)

- Vertical outdoor exposure: Up to 5 years for the lamination, excluding the substrate.

Because of the great variety of substrates and the growing number of new applications, the installer must check the suitability of the media for each application. The measuring methods for the standards quoted above served as basis for the development of our own measuring methods which are available on request. Please feel free to contact us to get the latest instructions in effect. All information released are originated from laboratory measurements on a regular basis. However, it does not constitute a binding warranty. The seller is not held accountable for not directly related damages beyond the replacement value of the purchased product. All specifications are subject to potential changes without prior notice. Updates of our specifications are automatically available on our website at www.rolanddg.eu