

## PROFIFLEX DECO SERIES: FROSTED FPT 80+ A POLYMERIC, LONG-TERM, SELF-ADHESIVE, GLASS DECORATION PVC FILM

### → AVAILABLE STANDARD WIDTHS AND LENGTHS

1.05, 1.27, 1.37, 1.52 x 25 m. Other lengths on Customers' individual request.

### → PRODUCT DESCRIPTION

Ikonos Profiflex Deco is an 80 µ, polymeric decorative film with frosted (FPT 80+) effect. Recommended for any flat and transparent surfaces such as windows, shop windows, glass doors, mirrors, ect.

### → PRODUCT STRUCTURE

Film: 80 µ polymerically plasticised, calendered PVC film for long-time applications

Glue: permanent dispersion of polyacrylate, highly resistant to UV irradiation and moisture.

Liner: one-side siliconized 121g/m<sup>2</sup>, "claycoated" type backing paper.

### → RANGE OF APPLICATION

Ikonos Profiflex Deco series is designed for long-term premium decoration purposes. It can be easily applied on glass or other flat and transparent surfaces in order to reach frosted (FPT 80+) effect.

### → PHYSICAL FEATURES OF PROFIFLEX DECO

	STANDARD NO.	VALUE
<b>Thickness</b>		
Thickness of PVC	ISO 2286-3	80 µ
Total thickness (PVC+glue+liner)	ISO 2286-3	208 µ
<b>Tensile stress at break</b>	ISO 527-3/2/200	min. 20 MPa [MD]
<b>Tensile strain at break</b>	ISO 527-3/2/200	min. 160 % [MD]
<b>Gloss level</b>	DIN 67530, 85°	15 %
<b>Dimensional stability</b>	DIN 53377	max. -2,8 %
<b>Adhesive Power</b>		
Initial	FINAT 9	8.8 N / 25 mm
After 20 minutes	FINAT 1	13.3 N / 25 mm
After 24 h	FINAT 1	19.8 N / 25 mm
<b>Temperature range</b>		
While applying	-	from 12 °C to 40 °C
While exploiting	-	from -40 °C to 90 °C
<b>Flammability</b>	Adhered to aluminium, glass or steel – self-extinguishing	
<b>Durability *</b>	90° vertical exposure	indoor 7 years
	90° vertical exposure	outdoor 5 years
<b>Shelf Life</b>	2 years (in original packaging, at 20 °C and 50% relative humidity)	

\* The data concerns vertical surface exposure of an unprinted film. The outdoor durability relates to the temperate climate of Middle Europe. If the film is exposed to extreme weather conditions, such as austere insolation, high UV radiation or humidity it may undergo accelerated deterioration. PVC film may also weaken in greatly contaminated areas and regions of high altitude.

If printed, the ink must be perfectly dry before application. The surface on which Profiflex Deco is applied must be free of dust, grease, lubricant and any other substances which may hinder the film from adhesion.

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