

PROFIFLEX DECO SERIES: DECO FROSTED FPT P80+ AIR FAST&EASY A POLYMERIC, LONG-TERM, SELF-ADHESIVE, GLASS DECORATION PVC FILM

→ AVAILABLE STANDARD WIDTHS AND LENGTHS

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

→ PRODUCT DESCRIPTION

Ikonos Profiflex FPT P80+ AIR is an 80 µ, polymeric decorative film with frosted effect with permanent, transparent structured adhesive. Recommended for any flat and transparent surfaces such as windows, shop windows, glass doors, etc.

→ PRODUCT STRUCTURE

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

Glue: permanent dispersion of water-based polyacrylate, intentionally structured for fast and easy application

Liner: 2-side PE coated, one side siliconized 135g structured PCK type backingpaper.

→ 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 effect.

→ PHYSICAL FEATURES OF PROFIFLEX DECO

	STANDARD NO.	VALUE
Thickness		
Thickness of PVC	ISO 2286-3	80 µ
Total thickness (PVC+glue+liner)	ISO 2286-3	230 µ
Tensile stress at break	ISO 527-3/2/200	min. 20 MPa [MD]
Tensile strain at break	ISO 527-3/2/200	min. 160 % [MD]
Gloss level	DIN 67530, 85°	15 %
Dimensional stability	DIN 53377	max. -2,8 %
Adhesive Power		
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
Temperature range		
While applying	-	from 12 °C to 40 °C
While exploiting	-	from -40 °C to 90 °C
Flammability	Adhered to aluminium, glass or steel – self-extinguishing	
Durability *	90° vertical exposure	indoor 7 years
	90° vertical exposure	outdoor 5 years
Shelf Life	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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IKONOS LARGE FORMAT PRINTING MEDIA

Polska, 45-446 Opole, ul. Gostawicka 2D

Tel.: +48 77 455 63 19 / Fax: +48 77 455 63 17