

PROFIFLEX LAM-PRO SERIES: LAM-PRO 4-FLOOR MPT F120+ (MATT) A TRANSPARENT, MONOMERIC, SELF-ADHESIVE, SKID RESISTANT OVERLAMINATING FILM

→ AVAILABLE STANDARD WIDTHS AND LENGTHS

1.05, 1.37 x 50 m. Other lengths on Customers' individual request.

→ PRODUCT DESCRIPTION

Ikonos Profiflex LAM-PRO 4-FLOOR is a 120 µ, monomeric, transparent overlaminating PVC film with non-skid texture. Profiflex LAM-PRO 4-FLOOR can provide the picture with matt effect, intensifying the colour range of an image and significantly extending its durability. Profiflex LAM-PRO reduces colour fading and effectively retards printout deterioration. Profiflex LAM-PRO 4-FLOOR has a certificate DIN 51130 class R9 (anti slip certificate).

→ PRODUCT STRUCTURE

Film: 120 µ transparent, matt, monomeric PVC with permanent transparent glue.

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

Liner: one-side siliconized 121g/m², "claycoated" type backing paper.

→ RANGE OF APPLICATION

Ikonos Profiflex LAM-PRO 4-FLOOR firmly protects floor pictures and images from mechanical damage. It is perfect for any kind of indoor floor applications.

→ PHYSICAL FEATURES OF PROFIFLEX LAM-PRO

	STANDARD NO.	VALUE
Anti-skid	DIN 51130	R9
Thickness		
Thickness of PVC	ISO 2286-3	120 µ
Total thickness (PVC+glue+liner)	ISO 2286-3	260 µ
Tensile stress at break		
Along	ISO 527-3/2/200	min. 18 MPa
Across	ISO 527-3/2/200	min. 18 MPa
Tensile strain at break		
Along	ISO 527-3/2/200	min. 120 %
Across	ISO 527-3/2/200	min. 140 %
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 5 °C to 40 °C
While exploiting	-	from -30 °C to 70 °C
Flammability	Adhered to aluminium, glass or steel – self-extinguishing	
Durability	2 years (indoor durability, unprinted film) *	
Shelf Life	2 years (in original packaging, at 20 °C and 50% relative humidity)	

* The data concerns horizontal surface exposure. The indoor durability relates to the temperate climate of Middle Europe. If the laminating film is exposed to extreme mechanical damages, it may undergo accelerated deterioration. The image quality may also weaken in greatly contaminated areas and regions of high altitude.

After printing the ink must be perfectly dry so as to avoid any affect on the later combination with the laminate. The surface on which Profiflex LAM-PRO is applied must be free of dust, grease, lubricant and any other substances which may hinder the film from adhesion. Freshly lacquered or painted surfaces should be allowed to dry for no less than three weeks. The compatibility of particular lacquers and paints should be tested by the user, prior to application on the material.

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