

PRODUCTION LAM 4-FLOOR GRAPHICS

Technical Data Sheet



A TRANSPARENT, MONOMERIC, SELF-ADHESIVE, SKID RESISTANT OVERLAMINATING FILM

AVAILABLE STANDARD WIDTHS AND LENGTHS

1.05, 1.37 × 50 m

PRODUCT DESCRIPTION

PRODUCTION LAM 4-FLOOR GRAPHICS is an 120 µ, monomeric, transparent overlaminating PVC film with non-skid texture. It can provide the picture with matt effect, intensifying the colour range of an image and significantly extending its durability. Reduces colour fading and effectively retards print out deterioration.

PRODUCTION LAM 4-FLOOR GRAPHICS 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/m, "claycoated" type backingpaper.

RANGE OF APPLICATION

Protects floor pictures and images from mechanical damage. It is perfect for any kind of short term indoor floor applications.

PHYSICAL FEATURES

	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 hours	FINAT 1	19.8 N / 25 mm
Temperature rang		
While applying	–	from 5 °C to 40 °C
While exploiting	–	from -30 °C to 70 °C
Flamability	Adhered to aluminium, glass or steel – self-extinguishing 3 months (indoor durability, unprinted film)* 2 years (in original packaging, at 20 °C and 50%relative humidity)	
Durability		
Shelf Life		

* 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 latercombination with the laminate. The surface on which LAM-4 FLOOR GRAPHICS 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.