

## IKONOS PROFIFLEX 4-FLOOR & PRINT MRT WF200+ AIR FAST&EASY HIGH TACK, EASY PEEL

### PRODUCT DESCRIPTION:

Ikonos Profiflex 4-FLOOR & PRINT MRT WF200+ is a monomeric, white, mat PVC film coated with solvent-free, high tack acrylic adhesive. Thanks to special non-skid texture it can be apply on floors directly after printing without any lamination film. PE-coated, structured liner guarantee perfect flatness during printing and easy application without air bubbles.

Profiflex 4-FLOOR & PRINT MRT WF200+ AIR has a certificate DIN 51130 class R9 (slip resistance certificate).

### PRODUCT STRUCTURE:

Film: 200 mic, monomeric, white, mat, embossed PVC

Adhesive: transparent, removable, water-based dispersion of polyacrylate, extremely high tack

Liner: both sided PE coated, one-side siliconized, 140 gsm , structured, PCK type backing paper

### COMPATIBLE INKS:

Eco-solvent, mild solvent, solvent, Latex, UV

### RANGE OF APPLICATION:

Ikonos Profiflex 4-FLOOR & PRINT MRT WF200+ was designed for short term indoor applications as floor graphic advertising and can be use without additional protection film. Material is recommended for application on smooth floor coverings e.g ceramic tiles. Thanks to special high tack adhesive and structured liner MRT WF200+ is extremely easy to apply. Product can be use in decoration purposes not only on floors but on vertical surfaces as well e.g walls (material must be tested prior to use).

### PHYSICAL FEATURES:

	STANDARD NO.	VALUE
<b>Thickness</b>		
Thickness of PVC	ISO 2286-3	200 mic (±5%)
Total thickness (carrier+adhesive+liners)	ISO 2286-3	400 mic (±5%)
<b>Breaking force</b>	ISO 527-3	min. 66 N/15mm [MD]
<b>Elongation at tear</b>	ISO 527-3	min. 280 % [MD] min. 280 % [CD]
<b>Tear resistance</b>	ISO 527-3	min. 20 N/mm2 [MD] min. 17 N/mm2 [CD]
<b>Adhesive Power</b>		
Initial	FINAT 9	4.7 N/25 mm
After 20 min	FINAT 1	4.3 N/25 mm
After 24 h	FINAT 1	9.0 N/25 mm
<b>Temperature range</b>		
While applying	-	from 10°C to 40°C
While exploiting	-	from -20°C to 50°C
<b>Durability</b>	90° vertical exposure	indoor 3 years (unprinted)
<b>Shelf Life</b>	2 years (in original packaging, at 20 °C and 50% relative humidity)	

## DURABILITY

The data concerns vertical surface exposure of an unprinted/unprocessed 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.

## HANDLING & PROCESSING

Recommended storage conditions: 50% of relative humidity, 20 oC, in original packaging.

Customer should always store rolls together with label which consist information about type of product, dimensions of roll and batch number.

Any claims or requests will not be accepted without information about batch number.

During storage time shrinking of the edges of monomeric PVC film could be noticed.

To obtain good print quality/good processing results we recommend acclimatize rolls in printing/processing room min. 24 hour before printing/processing. Large fluctuations in temperature and humidity between the room and the material have an impact on flatness and printability of material.

If printed, the ink must be perfectly dry before further processing e.g laminating or application. Features of products could be changed by the residuals solvents. The surface on which product is applied must be free of dust, grease, lubricant and any other substances which may hinder the film from adhesion.

Due to wide range of possible uses and applications customers should independently verify the appropriateness of material for their explicit purpose, prior to use. We strongly recommend customers conduct own tests before each application.

## IMPORTANT NOTICE

The information included in the present publication is based upon our knowledge as well as practical experience and can be changed without prior notice. All information always represents an average, a minimum or maximum value and should be considered as such.

This data is displayed only in order to serve as a source of information and is given without guarantee and does not constitute a warranty.

All presented information refers to unprinted/unprocessed Ikonos products. Features of products could change after printing/processing due to this reason all printed/processed Ikonos products are not covered by warranty.

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