

## IKONOS PROFIFLEX DECO BLK B170 AIR+

**AVAILABLE STANDARD WIDTHS: 1.27 m**

### PRODUCT DESCRIPTION:

Ikonos Profiflex Deco BLK B170 AIR+ is a 170 mic, polymeric, matt, black vinyl which can be used as a chalkboard. Film is coated with removable, transparent, acrylic adhesive, secured by high quality, structured PE-liner which guarantees easy application without air bubbles.

Blackboard can be easily wipe off with dry or damp cloth without leaving ghostwriting. We recommend to use traditional chalk. Liquid chalk-pens have to be checked prior to use.

### PRODUCT STRUCTURE:

Film: 170 mic, polymeric, matt, black PVC

Adhesive: removable, transparent, dispersion of water-based polyacrylate

Liner: one-side siliconized, structured, PCK type, 144 gsm

### RANGE OF APPLICATION:

Ikonos Profiflex Deco BLK B170 AIR+ is suitable for indoor applications. It is perfect solution for bars and restaurants, offices, schools, kindergartens, children rooms and any other plain surface which can be changed to the chalkboard.

### PHYSICAL FEATURES:

	STANDARD NO.	VALUE
<b>Thickness</b>		
Thickness of PVC film	ISO 2286-3	170 mic (±5%)
Total thickness (film+adhesive+liner)	ISO 2286-3	335 mic (±5%)
Total weight (film+adhesive+liner)	ISO 536	345 gsm (±5%)
Elongation at break	ISO 527-3	≥ 170%
<b>Tensile strength at break</b>	527-3	≥ 20 N/mm <sup>2</sup>
Dimensional stability	NFT 54-115	≤ 2.8%
<b>Adhesive power</b>		
Initial	FINAT 9	3.7 N/25 mm
After 20 min	FINAT 1	3.3 N/25 mm
After 24 h	FINAT 1	8.0 N/25 mm
<b>Temperature range</b>		
While applying	-	from 10 °C to 25 °C
While exploiting	-	from 5°C to 40 °C
<b>Flammability</b>	Adhered to aluminium, glass or steel – self-extinguishing*	
<b>Durability</b>	vertical surface exposure (indoor)	up to 2 years (unprocessed)
<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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