

## IKONOS PROFICOAT BACKLITE BAM 130 SM

### PRODUCT DESCRIPTION:

Ikonos Proficoat BAM 130 SM is a coated polyester which allows to illuminate images from behind. It can be used for any back-light applications, including city-lights and light-boxes, as well as all displays and expo-lightning systems. Excellent image quality, very good ink absorption, fantastic saturation and contrast.

### PRODUCT STRUCTURE:

Base material: 175 mic PET film

Primer: 8 mic

Ink Receptive Coating: 25 mic

**SURFACE:** semi-matt

**COMPATIBLE INKS:** eco-solvent, mild-solvent, solvent, UV, Latex

### RANGE OF APPLICATION:

Ikonos Proficoat BAM 130 SM is adjusted to any kind of back-light applications (including city-lights and light-boxes), as well as all displays and expo-lightning systems. Perfect for illuminated frontprint posters.

### PHYSICAL FEATURES:

	STANDARD NO.	VALUE
<b>Thickness</b>		
Thickness of PET film	ISO 2286-3	175 mic (±5%)
Total thickness	ISO 2286-3	208 mic (±5%)
<b>Elongation</b>		
	ASTM D 882	175% [MD] 147% [CD]
<b>Shrinkage</b>		
	ASTM D 1204 (150oC/30 min)	1.38% [MD] 0.39% [CD]
<b>Durability*</b>	90° vertical exposure	indoor 1 year (unprinted)
<b>Shelf Life</b>	2 years (in original packaging, at 20 °C and 50% relative humidity)	

\* Producer's internal test method

## 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 °C, 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.

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