

## Biond Bio-Protection Floorgraphic Film P HT 120

High quality overlamination from the Biond range, which offers a 120 mic biobased film, a high performance ultra crystalline permanent high tack adhesive and a glassine liner. Certification R9 according with DIN 51130:2014.

### Face Film

Bio-based Film with > 80% bio-components

Finish	Clear Matte Embossed		
	Value	Tolerance	Standard
Thickness (µm)	120	± 5%	Digidelta Test Method
Grammage (g/m <sup>2</sup> )	125	± 10%	Digidelta Test Method
Gloss (60°C) (%)	≤ 10	± 10 %	Digidelta Test Method
Bio-based content (%)	94		EN 16640:2017/ASTM D6866
Tensile strenght (MPa)	> 30		ASTM D412
Elongation (%)	> 250		ASTM D412
Modulus (MPa)	24		ASTM D412
Flammability (FR)	A2-S2, d0		ISO 13501-1/ISO 11925-2
Anti-slip resistance	R9		DIN 51130:2014

### Adhesive

Clear UV acrylic based, permanent high tack adhesive

	Value	Standard
Peel Adhesion 20 min steel (N/25mm)	> 10	FINAT FTMI
Peel Adhesion 24 h steel (N/25mm)	> 12	FINAT FTMI
Shrinkage (mm)	Max. 0,1	FINAT FTMI4
Application Temperature (°C)	> 10 °C	
Service Temperature (°C)	-10 a 90 °C	

### Liner

Glassine Paper

	Value	Tolerance	Standard
Thickness (µm)	55	± 10 µm	ISO 534
Grammage (g/m <sup>2</sup> )	62	± 5%	ISO 536

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### Durability

- Indoor: Up to 6 months (unprocessed)
- Storage: 24 months, applicable only to unprocessed material under the following STORAGE CONDITIONS:
- Store at a temperature of  $20^{\circ}\text{C} \pm 5^{\circ}\text{C}$  and  $50 \pm 5\%$  relative humidity, avoiding major climatic variations.
- The storage area must be dry and clean.
- Keep the material in its original packaging when not in use to protect it from dust and contamination.
- Do not expose to direct sunlight or heat sources.
- The product should be stored vertically to ensure its quality is not compromised.

### Applications

- Surface for application: flat.
- Floor lamination for the protection of digitally printed images.
- Printed materials must be adequately dried before lamination. The presence of residual solvents may modify the specific characteristics of the products, particularly the adhesive performance.
- Avoid exposure to combustible vapors or spills.
- The material application may be affected by climate, solar exposure angles, and heat sources.
- Before using the film, it is recommended that it remains at workspace temperature for at least 24 hours.
- Other factors not described may influence performance during use.

### Important Notes

- BIOND is not responsible for the ease or speed of removal of the applied material. Appropriate air and substrate temperatures must be considered.
- When carrying out a job, we recommend using the same batch of product.
- The information provided in this document is based on our knowledge and practical experience. It is intended as a source of information and does not constitute a guarantee. Subject to change without prior notice.
- BIOND is not responsible for misuse or inadequate storage, nor can it be held liable for any losses or damages to third parties.

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Approved by: SC