



decal overlamine microbial free P HT 80

Antimicrobial lamination with 80 mic PVC film, with UV protection and stabilization, with high performance ultracrystalline high tack adhesive. Intended for antimicrobial protection of surfaces in areas that require a high level of hygiene. Product certified according to ISO 22196.

SUBSTRATE

- Clear PVC soft calendered, made from monomeric resins, as part of its constitution antimicrobial agents.

Finish	Clear Glossy	Clear Matte		
	<i>Value</i>	<i>Valor</i>	<i>Tolerance</i>	<i>Standard</i>
Thickness (µm)	80	80	± 10%	ASTM D 1593
Weight (g/m2)	104	104	± 10%	ASTM D 1593
Gloss (60°C) - %	≥ 90	14		ASTM D 523
Antimicrobial efficacy	Certification			ISO 22196:2011
Reducing > 99 % of bacteria ascertained for:				
- Escherichia coli				
- Enterococcus faecalis				
- Listeria monocytogenes				
- Klebsiella pneumoniae				
- Staphylococcus aureus				
- Pseudomonas aeruginosa				
- Salmonella enterica				

ADHESIVE

- Clear acrylic based, permanent high tack

	Value	Standard
Peel Adhesion steel 20 min (N/25mm)	> 12	FINAT FTM1
Peel Adhesion steel 24 h (N/25mm)	> 30	FINAT FTM1
Shrinkage (mm)	Max. 0,8	FINAT FTM 14
Application temperature (°C)	> 10	
Service temperature (°C)	-10 a 60	

LINER

- Glassine

	Value	Tolerance	Standard
Thickness (µm)	55	± 10%	ISO 534
Weight (g/m2)	60	± 10%	ISO 536

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DURABILITY

- INDOOR: < 3 years (unprocessed)
- Shelf Life: 12 months from the date of manufacture, applicable only to material that has not been processed, and stored according to the following conditions:
 - This material must be stored at a temperature of $20^{\circ}\text{C} \pm 5^{\circ}\text{C}$ and $50\% \pm 5\%$ relative humidity, without major climate deviations.
 - The storage area must be dry and clean.
 - Keep the material in the original package when not in use, in order to protect it from dust and contamination.
 - Do not expose to direct sunlight or heat sources.
 - The product must be stored vertically, so that its quality is not compromised.

APPLICATION

- Intended for antimicrobial protection of flat and slightly curved surfaces, in areas that require a high level of hygiene, with a 99% effective reduction in bacterial contamination.
- Surfaces on which the material will be applied must be carefully cleaned and free of dust or any other contamination that may affect the material's adhesion..
- The film can be cleaned / disinfected by all conventional cleaning methods, using non-abrasive accessories, cleaning products, suitable detergents for the purpose.
- Non-vertical application results in a significant reduction in durability, as well as climate and angles of sun exposure.
- It is recommended that the film remains at least 24 hours at the temperature of the workplace before it is used.
- There may be other factors not described here that may influence the performance in the use.

IMPORTANT REMARKS

- Decal is not responsible for the ease or speed of removal of the applied material. It is necessary to have into account the appropriate air and substrate temperatures.
- The user must determine the material's compatibility with the intended specific application, before using it.
- The data provided in this information is based on our knowledge and experience. It is intended to be a source of information and is not a guarantee. It can be subject to change without previous notice.
- Decal is not responsible for misuse or improper storage, never being responsible for loss or damage to third parties.

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Please, check our website www.decal-adhesive.com for additional information or request any clarification needed from our technicians.