



Overlaminates & Protection Film

removable

smooth surface

80 mic

Anti-microbial certification

decal overlaminates microbial free R SS 80

Antimicrobial lamination with 80 mic PVC film, with UV protection and stabilization, with removable smooth surface adhesive, to be applied to smooth non-porous surfaces. Offers microbial 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, coated with 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/m ²)	104	104	± 10%	ASTM D 1593
Gloss (60°C) - %	≥ 90	14		ASTM D 523
Antimicrobial efficacy	Certification			ISO 22196

- Reducing > 99.99 % of bacteria ascertained for:
- Escherichia coli,
 - Salmonella (Salmonelle enterica),
 - Listeria (Listeria monocytogenes),
 - Golden staph (Staphylococcus aureus),
 - Methicillin-resistant Staphylococcus aureus (MRSA),
 - Pseudomonas aeruginosa

ADHESIVE

- Clear acrylic based, removable smooth surface

	<i>Valor</i>	<i>Norma</i>
Peel Adhesion steel 20 min (N/25mm)	> 3	FINAT FTM1
Peel Adhesion steel 24 h (N/25mm)	> 12	FINAT FTM1
Application temperature (°C)	> 10	
Service temperature (°C)	-10 a 60	

LINER

- Glassine

	<i>Value</i>	<i>Tolerance</i>	<i>Standard</i>
Thickness (µm)	55	± 10%	ISO 534
Weight (g/m ²)	60	± 10%	ISO 536

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DURABILITY

- INDOOR: < 5 years / OUTDOOR: < 1 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° C ± 5 ° C and 50% ± 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 99.99% 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.