



permanent



high tack



pe



160 mic



fire retardant



decal wallcover P HT PE 160 FR

Product used for interior decoration, 160 mic polymeric matte textured PVC with fire resistance, high performance high tack permanent adhesive and 135 g/sqm double side PE liner. Offers great mechanical resistance and excellent dimensional stability.

SUBSTRATE

- Textured matte PVC, soft calendered, made from polymeric resins.

Finish	Textured: Pumice, Canvas		
	<i>Value</i>	<i>Tolerance</i>	<i>Standard</i>
Thickness (µm)	160 - Fire Retardant	± 10%	ASTM D 1593
Weight (g/m ²)	200 - 235	± 10%	ASTM D 1593
	<i>Certification</i>		
Fire Behavior (FR)	B s1 / d0		ISO 13501-1 / ISO 11925-2

ADHESIVE

- Clear UV acrylic based, permanent high tack

	<i>Value</i>	<i>Standard</i>
Peel Adhesion steel 20 min (N/25mm)	> 15	FINAT FTM1
Peel Adhesion steel 24 h (N/25mm)	> 25	FINAT FTM1
Shrinkage (mm)	Máx. 1	FINAT FTM 14
Application temperature (°C)	> 10	
Service temperature (°C)	-10 a 70	

LINER

- Double side PE

	<i>Value</i>	<i>Tolerance</i>	<i>Standard</i>
Thickness (µm)	148	± 10%	ISO 534
Weight (g/sqm)	135	± 10%	ISO 536

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DURABILITY

- DURABILITY: up to 5 years (unprocessed and when applied under vertical exposure – normal Central European climate).
- Shelf Life: 24 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.

PRINTING METHODS

- Specially developed for solvent, latex and UV large format printing.
- We recommend that latex printing is carried out at a maximum temperature of 105°C .
- This product must be protected with the recommended lamination in order to provide the necessary strength.
- For the best possible print quality, please make sure you are using the correct print profiles.
- An excessive quantity of ink in the product will result in changes in its characteristics, in inappropriate drying, lamination detachment and / or poor product performance.
- Inadequate drying can result in curls, wrinkles and adhesion failures, which is reflected in the result of the material's performance. Given the roughness of the material, a minimum drying period of 120 hours is recommended, in an environment with controlled temperature and humidity (we recommend a temperature between $20^{\circ}\text{C} \pm 5^{\circ}\text{C}$ and humidity of $50 \pm 5\%$) before any additional processing. Drying should be done with the product unrolled.

APPLICATION

- Application surface: flat
- Substrate not recommended for floor graphics (areas with car traffic); flexible or low energy substrates; non-flat surfaces; carton walls painted or unpainted; plaster walls; wallpaper; unclean or rough surfaces; surfaces with degraded paint.
- Do not expose to combustible vapors or spills.
- Surfaces on which the material will be applied must be carefully cleaned and free of dust, grease or any other contamination that may affect the material adhesion.
- 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.
- We recommend that, to carry out a job, the same batch of product is used.
- 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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Approved by: SC

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