



removable



smooth surface



160 mic



fire retardant

Anti-slip
certification

decal polymeric vinyl R SS 160 footprint FR

White textured polymeric 160 mic PVC film, phthalate free and fire resistant. Features a high performance removable smooth surface adhesive on smooth non-porous surfaces and a 125 gr Clay Coated Kraft Paper liner. The textured embossing on the film offers slip resistance, that gives it R9 certification. Suitable for short-term indoor advertising applications.

SUBSTRATE

- White soft calendered PVC, made from polymeric resins.

Finish	Textured Matte		
	<i>Value</i>	<i>Tolerance</i>	<i>Standard</i>
Thickness (µm)	160	± 10%	ASTM D 1593
Weight (g/m ²)	220	± 10%	ASTM D 1593
Gloss (60°C) (%)	5		ASTM D 523
	<i>Certification</i>		
Fire reaction classification	BFL-S1		ISO 13501-1 / ISO 11925-2
Slip resistance	R9		DIN 51130:2014

ADHESIVE

- Clear acrylic based, removable smooth surface

	<i>Value</i>	<i>Standard</i>
Peel Adhesion steel 20 min (N/25mm)	> 5	FINAT FTM1
Peel Adhesion steel 24 h (N/25mm)	> 9	FINAT FTM1
Shrinkage (mm)	Max. 0,5	FINAT FTM14
Application temperature (°C)	> 10	
Service temperature (°C)	-10 to 70	

LINER

- Clay coated kraft paper

	<i>Value</i>	<i>Tolerance</i>	<i>Standard</i>
Thickness (µm)	118	± 10%	ISO 534
Weight (g/m ²)	125	± 10%	ISO 536

decal polymeric vinyl R SS 160 floorprint FR

DURABILITY

- INDOOR: < 6 months (not processed)
- 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.

PRINTING METHODS

- Specially developed for (eco)solvente, latex and UV printing.
- UV and Latex inks offer the best durability for floor applications. Given the variability of solvent inks it is recommended to check the wear resistance, which must be tested before installation.
- 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. A minimum drying period of 48 hours is recommended before any further processing. Drying should be done with the product unrolled.

APPLICATIONS

- Application surface: smooth and flat, neither porous nor rough.
- **This material must be applied without water, otherwise the adhesive may suffer changes in its behavior.**
- 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.
- 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.
- The removal must be carried out at low speed and at an angle of 180°.

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.

Revision date of the technical data sheet: 12.04.21
Approved by: SC

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