decal
Think green

Sign Graphics



permanent | greyback | bubble free | pe | 75 mic | blockout | anti curling | anti waving

decal polymeric vinyl P GB BF PE 75 BO

Self-adhesive vinyl with high opacity polymeric PVC film of 75 mic, high performance greyback permanent adhesive and 135 gr/m2 clay coated Double PE embossed paper liner. Recommended for a wide range of short and medium term promotional applications on flat or slightly curved surfaces.

SUBSTRATE

- White soft calendered PVC, with superior opacity, made from polymeric resins.

Finish	White Glossy	White Matte		
	Value		*Tolerance*	*Standard*
Thickness (µm)	75	75	± 10%	ASTM D 1593
Weight (g/m2)	107	108	± 10%	ASTM D 1593
Gloss (60°C) (%)	≥ 65	≤ 15		ASTM D 523
Opacity (D65/10°) - %	99,05	98,51		Digidelta Test Method
Fire behavior	B s1 / d0			ISO 13501-1 / ISO 11925-2

ADHESIVE

- Clear acrylic permanente greyback

	Value	*Standard*
Peel Adhesion 20 min steel (N/25mm)	> 10	FINAT FTM1
Peel Adhesion 24 h steel (N/25mm)	> 17	FINAT FTM1
Shrinkage (mm)	Max. 0,3	FINAT FTM14
Application temperature (°C)	> 5	
Service temperature (°C)	-40 to 80	

LINER

- Double Side PE Embossed

	Value	*Tolerance*	*Standard*
Thickness (µm)	148	± 5%	Digidelta Test Method
Weight (g/m2)	135	± 5%	Digidelta Test Method

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DURABILITY

• Durability: up to 7 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° 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

- Especially developed for solvent, eco-solvent, latex, UV, and UV gel printing on large format equipment.
- We recommend that latex printing is carried out at a maximum temperature of 105ºC.
- 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. A minimum drying period of 48 hours is recommended before any further processing. Drying should be done with the product unrolled.

APPLICATIONS

- Application surface: flat and slightly curved
- Substrate not recommended for floor graphics (areas with vehicular traffic); flexible substrates; non-flat surfaces; painted or unpainted drywall; plaster walls; wallpaper; poorly cleaned or rough surfaces; surfaces with deteriorated or recently applied 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.