



permanent



high tack



190 mic



decal Allddecor 2D P HT 190

Decorative polypropylene (PP) textured film whose formulation is free of halogen, plasticizers and formaldehyde components, with surface protected against abrasion and scratches by a transparent thermoset varnish and back coated with a primer for easy application. Standard thickness varies between 0.10 mm and 0.20 mm, depending on the application and design. High performance high tack adhesive that gives it excellent cohesion and high adhesiveness and polyethylene (PE) liner that gives it great stability. Ecological product with impressive physical properties, resistant to water, moisture and mold, and with great flexibility.

SUBSTRATE

- Polypropylene (PP) embossing

Finish	Embossed		
	<i>Value</i>	<i>Tolerance</i>	<i>Standard</i>
Weight (g/m ²)	200 - 235	± 10%	ASTM D 1593
Chemical resistance	Class 1 C		DIN 68861/1
Abrasion resistance	min. 400 turns		Taber abrasor CS 10
Water resistance	Long-term exposure (no change)		
Dry heat	Class 7 C (=100°C)		DIN 68861/7
Wet heat	Class 8 B (=70°C)		DIN 68861/8
Light fastness	≥ 6		DIN EN ISO 4892-2 ; DIN EN ISO 105 B 02
Fire behavior	B s1 / d0		EN 13823 / EN ISO 11925-2

ADHESIVE

- Clear acrylic based, permanent high tack

	<i>Value</i>	<i>Standard</i>
Peel Adhesion steel 20 min (N/25mm)	> 10	FINAT FTM1
Peel Adhesion steel 24 h (N/25mm)	> 20	FINAT FTM1
Shrinkage (mm)	0,1	FINAT FTM 14
Application temperature (°C)	15 a 25	

LINER

- Double side PE coated fine paper, matte/gloss

	<i>Value</i>	<i>Tolerance</i>	<i>Standard</i>
Thickness (µm)	166	± 10%	DIN 20534
Weight (g/m ²)	143	± 10%	ISO 536

decal Aldecor 2D P HT 190

DURABILITY

- INDOOR: < 10 years
- 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 material must be conditioned 72 hours before use, at room temperature (about 20°C).
 - 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 UV Led and Latex printing.
- 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 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.

APPLICATION

- Can be applied to interior spaces such as ceilings, walls, doors, furniture, caravans, boats and other design elements that have flat surfaces, in a place where customers demand a durable surface with advanced design.
- Substrate not recommended for outdoor areas, where there may be contaminations that affect its durability. During the application of the film, the material must be well pressed.
- Surfaces on which the material will be applied must be carefully cleaned of any contamination that may affect the material adhesion.
- *The application of aldecor 2d products on damp walls must be preceded by the use of a waterproofing agent to avoid the contamination of the adhesive and consequent debonding of the material.*
- To clean the material, mild cleaning products should be used. Do not use abrasive cleaners, solvents, polishers, waxes or steam cleaning tools. As a precaution and to test the suitability of a cleaning product, apply in a discreet area, minimizing the exposure time and the amount of cleaning agent (diluted as recommended by the supplier) to avoid damage to the surface.
- Non-vertical application results in a significant reduction in durability, as well as climate and angles of sun exposure.
- 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.



The roll may have the appearance shown in the figure, which results from the production process of this article and does not constitute any problem with it. Once applied, the product presents the shrinkage indicated in the technical sheet (0.1mm).

Revision date of the technical data sheet: 11.07.22
Approved by: SC

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