

ALPIkord /

10.65K Thermo

Collection	Grey
Product	ALPI Thermo Grey Oak
Finish	Groove
Texture	Quartered
Size	3050x1300 mm

ALPIkord /

The ALPI veneer is prefinished with state-of-the-art products and varnishes to bring out its natural beauty. The result is a large wood panel ready for application to any surface, permitting reduction of time devoted to installation, varnishing and finishing. The practicality of prefinished wood is joined by the properties of quality, uniqueness and customization, with the environmental certifications assigned to all ALPI veneers.

Usage sectors /

Surfaces for furnishings; surfaces and facings for interior architecture; hotels, multi-apartment and residential complexes, shops, retail outlets, offices, public spaces; surfaces and facings for the interiors of yachts and cruise ships.

Finishes /

ALPIkord veneers come in a range of finishes.

The five standard finishes combine and enhance different tactile and visual sensations:

Touch preserves the natural appearance of the wood while providing a pleasantly tactile sensation.

Groove emphasizes texture and materic quality, offering a natural tactile effect similar to that of unfinished wood.

Wax a matt coating that gives the wood the delicate look typical of treatments applied with natural waxes and oils.

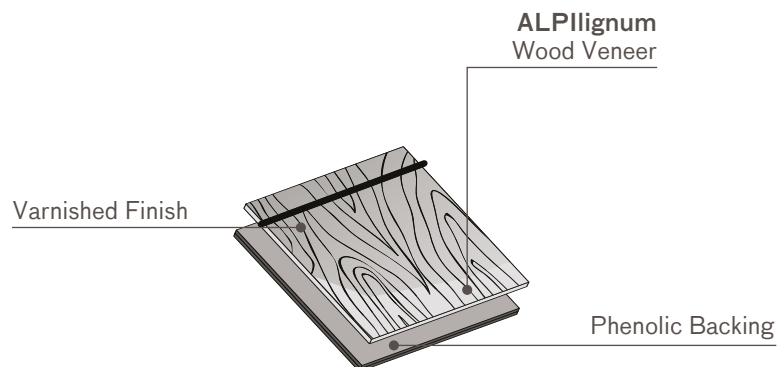
Light Gloss (15 gloss), enhanced by a delicate sheen, this elegant and refined solution offers the classical tone of the crafts tradition for the hand and the eye.

Bright Gloss (40 gloss), lustrous, illuminating finish.

ALPIkord /

	Touch /	Groove - Wax /	Light Gloss /	Bright Gloss /
Dimensions	2500x1250/3050x1300 mm	2500x1250/3050x1300 mm	2500x1250/3050x1300 mm	2500x1250/3050x1300 mm
Nominal Thickness	1.0 mm	1.0 mm	1.0 mm	1.0 mm
Grade	Postformable	Postformable	Postformable	Postformable
Bending Radius*				
Longitudinal	20 mm	20 mm	20 mm	20 mm
Transversal	20 mm	20 mm	20 mm	20 mm
Postforming Temperature	145°C (288 F)	145°C (288 F)	145°C (288 F)	145°C (288 F)
Weight Per Sqm	1.1 kg	1.1 kg	1.1 kg	1.1 kg
Dimensional Variations				
Longitudinal	0.4 %	0.4 %	0.4 %	0.4 %
Transversal	1.2 %	1.2 %	1.2 %	1.2 %
En 438-2, 17 (2016)				
Abrasion Resistance*	>20 Taber turns	>25 Taber turns	>40 Taber turns	>60 Taber turns
En 438-2, 10 (2016)				
Cold Liquid Resistance	A	A	/	/
UNI EN 12720:2013				
Stain Resistance	/	/	Halo caused by acetone	Halo caused by acetone
En 438-2, 26 (2016)				
Lightfastness (Xenotest)	>2 Grey scale	>2 Grey scale	>2 Grey scale	>2 Grey scale
En 438-2, 27 (2016)				
Formaldehyde Emission	Code compliant	Code compliant	Code compliant	Code compliant
En 717				

ALPIkord /



ALPIkord /

Application Tips /

To ensure appropriate counterbalancing it is advisable to use the same type of product on both faces of panel as prescribed by standard EN 14323, although the process may also be conducted using HPL matching the characteristics of the face. In any case, specific production tests should be carried out to evaluate the suitability of the product utilized over time (3/7 days).

Application with Steel Plate Press /

The utmost attention is required when using a steel plate press. It is necessary a perfect cleaning of the plates to avoid dents or damage to the finished surface. Damages to a varnished or melamine surface may be caused by particles left between the metal plates and are difficult to repair. During the application of ALPIkord, the protective film must be perfectly laid out on the surface to avoid thickness-related marks. Veneering glue must be applied in the same quantity on both faces and a quantity such as to avoid lateral leakage under pressure and damage to the decorative surface. When using thermo-hardening glues, the press temperature should never exceed 85°/90° for no longer than 4 minutes. Application of ALPIkord to supports with a high thermic expansion coefficient (metallic and other surfaces) may result in alterations to its flatness and possible delamination due to rapid changes in temperature and humidity.

Application with Contact Adhesive /

Contact adhesives may be applied by hand or machine, taking care to wait the complete evaporation of solvent. ALPIkord sheets must be applied with a firm contact pressure using roller presses or hand rollers.

Postforming /

In the static postforming process, an excessive speed of hot bar in conjunction with a not proper temperature can cause micro and macro fractures on the curved part. The long contact of hot forming bar on the wooden surface may cause a blistering effect on the film of varnish. In the dynamic postforming process, if the panel moves too quick fractures may be caused in the curved part of the pattern. The mould that is being wrapped must be of regular and constant shape along its entire length. Glue applied to the surface must be of appropriate grammage in order to avoid detachment and surface defects. The pressure rollers and bars creating the curve envelope must be kept very clean, accurately regulated along the outline of the curved edge, and be fully wrapped in rubber (between 50 and 80 Shore hardness). Sheets of ALPIkord must be conditioned at temperatures of at least 15°/20°C for a period of 24/48 hours in order to avoid the excessive fragility of patterns when curved. Changes of decorative wooden pattern may need to update the postforming parameters; in any case it is necessary to carry out preventive process tests.

Warnings /

As with natural wood, for ALPIkord surfaces it is not possible to guarantee absolute colour consistency between different manufacturing lots. Any slight difference in colour between two or more production batches cannot be considered a defect. Just like natural wood, ALPIkord reacts to direct and indirect, solar and artificial light. A gradual change of colour appearance over time, is accelerated by heat and moisture, since it is a natural phenomenon rather than a defect.

ALPIkord /

Cleaning /

ALPIkord surfaces are easy to clean with a damp natural fibre cloth dipped in distilled water. If necessary add non- abrasive, neutral detergent. Never use acetone, alcohol or varnish solvent on the ALPIkord.

Storage /

ALPIkord must be stored horizontally, face-to-face, in an environment where the temperature is between 10°C and 30°C and the relative humidity between 40% and 60%; all sheets on a pallet but never be laid directly on the floor. Like all wooden surfaces, to ensure good conservation over time, it should be protected from light with non-transparent and if possible dark coverings. Sheets should always be handled by two people.

Please contact ALPI's technical office for any further clarification. This technical data sheet supersedes and replaces any previous version. The information and recommendations herein have been compiled from the current information held by ALPI and may be our best knowledge updated to perform the higher results of the applications.