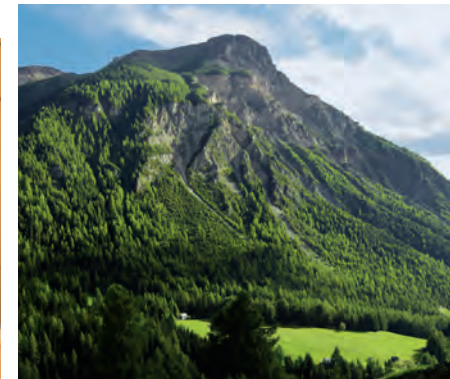
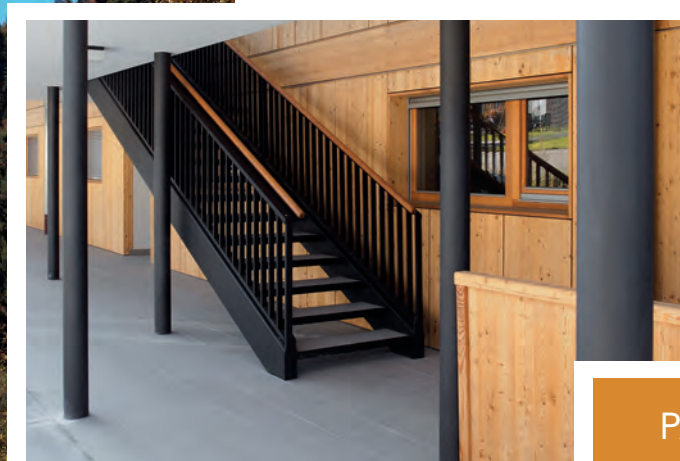


nordpan

NUMBER ONE FOR PRODUCTION OF SOLID WOOD PANELS



PASSION FOR WOOD



SUPERIOR QUALITY

Nordpan once again sets new standards in the production of 3-layer solid wood panels. New and ultra-modern production processes guarantee maximum precision and beauty. Thus are born solid wood panels of uncompromising quality. The most renowned timber product marketing companies in Europe order their solid wood panels in Valdaora from nordpan.

Together to reach the summits of success.



It's no coincidence that nordpan solid wood panels are unique in terms of quality, function and aesthetic design. Behind them are decades of experience, coherent research and development and innovative technology.

BENEFITS FOR JOINERS AND CARPENTERS

- 1. Less finishing**
Surfaces and edges require less finishing, with consequent cost savings.
- 2. Fewer complaints**
You can save time and avoid hassle as well as all problems concerning requests for replacement panels.
- 3. Greater qualitative yield**
Time and money can be saved when treating surfaces with coatings and similar products.



NOW THE NORDPAN 3-LAYER PANELS ARE EVEN BETTER

- 1. Fewer loose knots**

Wet cutting ensures that while cutting the layers the knots are less fragile than when dry. This gives a considerable reduction in the number of loose knots and a panel surface with a much better quality appearance thanks to the presence of fewer plugs.
- 2. Less knot splitting**

Drying the layers makes it possible to considerably reduce the formation of star splits in knots and splits on the edges of the layers.
- 3. Resin deposits**

Drying the layers allows the resin to escape during the drying process and not, as has been the case until now, during the pressing operation.
- 4. Humidity**

The humidity of the outer layers has been reduced to a tolerance of +/- 0.5%. We are therefore able to obtain a humidity of 8 +/- 0.5% instead of the 8 +/- 2% prescribed by the applicable regulating standards. The lower tolerance allows us to minimise the tensions in the panel and to give much greater stability.
- 5. Even Exterior surface**

Minimising the tolerances during the process of making the inner and outer layers makes it possible to obtain a perfectly flat and even exterior surface.
- 6. Quality control**

The most modern technologies (selection by scanner with preset parameters) allows us to maintain a uniform quality at both production plants (Valdaora and Strassen).





New solid wood panel with
Reduced fissuring

QUALITY WITHOUT COMPROMISE

Best quality

Nordpan buys raw materials from areas of selected growth, where sustainable management is the norm. All solid wood panels by Nordpan comply with the requisites established in EC standard EN 13986.

Versatility in use

The panels in solid wood by nordpan, single and multi-layer, have many applications - both indoors and outdoors. Used as an outer covering, a solid wood panel confers on facades aesthetic quality and distinctive personality. Our panels are used for furniture construction, for indoor furnishing and for fitting out shops and offices, in ever greater quantities. A growing use of wood is seen in the construction of prefabricated buildings and industrial sheds, too. Nordpan today is the market leader in the field of production of high quality solid wood panels.



Fields of application

- Furniture construction
- Wall, ceiling and roof coverings
- Wooden floors and stairs
- Doors
- Window frames and sills, shutters
- Construction of industrial sheds, timber homes and timber components
- Construction and covering of facades and balconies
- Construction of exhibition stands, etc.



Conifer wood of the best quality

We use only high-quality conifer wood:

- Spruce
- Larch
- Pine
- Spruce antiqued
- Douglas fir



The Nordpan single-layer and multi-layer panels are made of solid wood and are suitable for the various construction applications of interior furnishings and wooden constructions.

Thanks to the state of the art technology, woodworking expertise, the workers' profound knowledge and, above all, the sense of „quality“, the Nordpan solid wood panels are designed with unique features and stand out on the wood panel market, offered by well-known distributors of wooden products throughout Europe.

Since Nordpan panels are a **natural product** and solid wood „lives“, it is advisable to strictly observe specific storing, production and handling criteria:



Spruce



Larch



Pine



Spruce antiqued



Douglas fir



1. Storing: the boards must be positioned horizontally on dry supports (max. 1m distance from each other) in air conditioned areas. Packages must be entirely covered in order to protect from infiltration of humidity and damages of the surfaces.

2. Use of solid wood boards for interiors: single-layer and multi-layer panels are mainly used for the production of furniture and decorative elements for the interior. When our panels leave the factory their moisture content of (8+/-2)% (single layer panel) or (10+/-3)% (multi layers panel) and any variation of temperature or humidity could cause swelling, shrinkage and twisting. It is advisable to maintain the ambient temperature constant and not too dry. Slight cracking may occur if the panels are placed near sources of heat (for example, window sills) or solar radiation, as well as slight twisting, especially when constructing long and narrow furniture parts and doors, even if the panels are handled with care.

3. Use of solid wood panels for the exterior and humid environments: both the D4 (b4) glued single-layer panels and the AW (previously AW 100) glued multi-layer panels require surface and edge treatment with appropriate protective materials for the above-mentioned applications. Furthermore, applications must respect the physical quality of resinous woods: always allow water to drain away and never let it stagnate. Specific processing measures must also be taken to prevent swelling, shrinking and twisting.




4. Use of solid wood panels for the static environment: for this application the license n. Z-9.1-465, granted by the „Deutschen Institut für Bautechnik“, contains all the characteristics and relative values.






5. Use of 3 and 5 layer solid wood panels regarding the EN 13353 standards for the dry, humid- and exterior environment: All our multilayer solid wood panels correspond to the CE reference number regarding the EN 13986 standards.

Classification by surface appearance (EN 13017-1) – summary: **Quality 0:** sound firm knots, single natural plugs permitted, single resin pockets up to 2x30 mm, repaired resin pockets – single plugs permitted, no pith, no discolouration, no coarse texture, no open glue lines, sanded both sides. **Quality A:** sound firm knots, natural plugs permitted, single resin pockets up to 3x40 mm, repaired resin pockets permitted, pith occasionally up to 400 mm permitted, no colouration, coarse texture permitted, no open glue lines, sanded both sides. **Quality B:** sound firm knots, small occasional black knots, natural plugs permitted, resin pockets up to 5x50 mm, repaired resin pockets permitted, pith permitted, slight discolouration, coarse texture permitted, open joints < 100 mm/1m, sanded both sides. **Quality C:** open joints < 100 mm/1m, no restrictions concerning knots, resin pockets, pith, colouration, texture, sanded both sides. **Quality D:** no quality restrictions except glueing.

Classification according to surface aspect:
 ÖNORM B 3021/ B 3022: A AB B C
 EN 13017-1: 0 A B C

Remark: We are not liable for any wrong application or inadequate processing of our products. For exterior use, our boards must be adequately surface treated and correctly processed to avoid swelling, shrinkage or distortion. **Subject to Alternation:** **When using solid wood panels always remember: wood is alive!**

Wood panel	 1-S Spruce	 1-S Spruce antiqued	 1-S Pine	 3-S Douglas Fir	
Plank LxW mm	5000x1200 4000x1200 (Thicknesses 10/14/15/18/20/21/24/27/32/35/40)	5000x1200	5000x1200	5000x2050 5000x1250 on request	
Special widths	on request	on request	on request		
Slat width mm	45 91-160*	45 (Thicknesses 20-27-40 mm, Qualität 0B) 117-160* (Thicknesses 18/20/27/32/40 mm, Qualities 0/B, B/C+)	45	117	
Thickness mm	<ul style="list-style-type: none"> • 10/13/14/15/18/19/20/21/22/24/27/32/35/40/42/50/52/55 (Plank 5000x1200) • 10/14/15/18/20/21/24/27/32/35/40 (Plank 4000 x 1200) • 18/20/24/27/32 (slat width 91-160 mm – depending on availability) 	20/27/40 (slat width 45 mm) 18/20/27/32/40 (slat width 117-160 mm)	15/18/20/27/40	19 mm structure 5/9/5 mm, middle layer in pine 26 mm structure 7/12/7 mm, middle layer in pine	
Special thicknesses mm	on request	on request	on request	on request	
Qualities	0 and B 0 and B wide slat	0B (slat width 45 mm) 0/B-BL, B/C+-BL (slat width 117-160 mm)	0 und B	A/B A/C+ A/C closed on one side B/B B/C+ B/C closed on one side	
Detailed information	<p>Cut to size: on request</p> <p>Structure: edge glued continuous equally wide slats</p> <p>Resin: PVAc (white glue) - B4 (D4) - formaldehyde free</p> <p>Moisture content: (8±2)% when shipped ex works</p> <p>Thick. tolerances: ± 0,3 mm</p> <p>Standards: Production according to EN 13017-1</p>			<p>Packing: skids, foil, edge protection, iron hooped, label specifying goods and dimensions</p> <p>Pakete: 10 mm: 50 Pieces – 13 mm: 40 Pieces – 14/15 mm: 35 Pieces 18 mm: 30 Pieces – 19/20/21/22 mm: 25 Pieces – 24/27 mm: 20 Pieces 32/35 mm: 15 Pieces – 40/42 mm: 12 Pieces – 50/52/55 mm: 10 Pieces</p>	
	* depending on availability				

 <p>3-S Spruce</p>	 <p>3-S Spruce antiqued</p>	 <p>3-S Pine</p>	 <p>3-S Larch</p>	 <p>5-S Spruce</p>	
<p>5000x2050 5000x1250</p>	<p>5000x2050 5000x1250 on request</p>	<p>5000x2050 5000x1250 on request</p>	<p>5000x2050 5000x1250 on request</p>	<p>5000x2050</p>	
<p>117/140* 160 (Thickness 19 mm, Qualities A/B-A/C+) 190 (Thickness 19 mm, Qualities A/B-A/C+)</p>	<p>117/140* 190 (Thickness 19 mm, Qualities A/B-A/C+-B/C+)</p>	<p>117/140*</p>	<p>110/140* (Qualities A/B-A/C+-B/C+) 190 (Thicknesses 19 mm, Qualities A/B-A/C+-B/C+-B/D)</p>	<p>117/140*</p>	
<p>13/16/19/22/27/32/35/42/49/60**</p>	<p>119 middle layer spruce 4,5/10/4,5 mm 27 middle layer spruce 8,5/10/8,5 mm</p>	<p>19 middle layer pine 6/7/6 mm 27 middle layer pine 8,5/10/8,5 mm</p>	<p>Thickness 19 middle layer larch 5/9/5 mm 26 middle layer larch 7/12/7 mm 32 middle layer spruce 7/18/7 mm 42 middle layer spruce 8,5/25/8,5 mm</p>	<p>Structure: 27 mm: 4/7/5/7/4 mm 32 mm: 5,5/7/7/7/5,5 mm 35 mm: 6/8/7/8/6 mm 42 mm: 8,5/8/9/8/8,5 mm</p>	
<p>on request</p>	<p>on request</p>	<p>on request</p>	<p>on request</p>	<p>on request</p>	
<p>0/0-0/B-0/C+-A/B-A/C+-B/B-B/C+-C+/C+ closed on both sides – B/D-C+/D closed on one side only – D/D open on both sides – A/B-A/C+-B/C+ (slat width 160/190 mm)</p>	<p>A/B-A/C+-B/B-B/C+ A/B-A/C+-B/C+ (strip width 190 mm)</p>	<p>0/B-0/C+-B/C+</p>	<p>A/B-A/C+-B/C+ (slat width 110/140 mm*) A/B - A/C+-B/C+-B/D (slat width 190 mm)</p>	<p>0/0-0/B-0/C+-A/B-A/C+-B/B-B/C+-C+/C+</p>	
<p>Cut to size: on request</p> <p>Structure: longitudinally continuous planks - rectangularly (90 degree) placed closed, defectfree middle layer</p> <p>Gluing: AW (ex AW 100) – DIN 68705 – SWP/1 (on request) – SWP/2 (standard) – SWP/3 (on request) according to EN 13354 – low formaldehyde emission abt. 0,01-0,03 ppm HCHO (E1)</p> <p>**Thickness of surface slat: 4,5 mm: 13/16 mm - 6,0 mm: 19/22 mm - 8,5 mm: 27/32/35/42 mm - 12,0 mm: 49/60 mm</p> <p>Moisture content when shipped ex works: SWP/1 S = (8+/-2%) SWP/2 S = (10+/-3%) SWP/3 S = (12+/-3%)</p> <p>Thickness tolerances: ± 0,3 mm</p> <p>Norms: Characteristics according to EN 13986 – Quality according to EN 13017-1</p> <p>* depending on availability</p>		<p>Packing: skids, foil, edge protection, label specifying goods and dimensions</p> <p>Packing quantities: 13 mm: 40 Pieces – 16 mm: 30 Pieces – 19 mm: 25 Pieces – 22 mm: 25 Pieces 27 mm: 20 Pieces – 32 mm: 15 Pieces – 35 mm: 15 Pieces – 42 mm: 12 Pieces 49 mm: 10 Pieces – 60 mm: 8 Pieces</p>			<p>* depending on availability</p>

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