

*Spruce*



*Spruce antiqued*



*Pine*



*Larch*



*Assortment*



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:

**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 is (8±2)% 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 according to surface aspect:**

|                      |   |    |   |   |
|----------------------|---|----|---|---|
| ÖNORM B 3021/B 3022: | A | AB | B | C |
| EN 13017-1:          | 0 | A  | B | C |

**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.

## TECHNICAL DATA

| Wood panel                 | Plank LxB mm                            | Special-widths                | Width of lamellas mm       | Thicknesses mm  | Special thicknesses mm | Qualities  | Detailed information   |
|----------------------------|---|-------------------------------|----------------------------|---|------------------------|--|--|
| <b>1-S Spruce</b>          | 5000x1200<br>4000x1200<br>5000x1200     | on request<br>on request<br>– | 45<br>45<br>91/117*        | 10-13-14-15-18-19-20-21-22-24-27-32-35-40-42-50-52-55<br>10-14-15-18-20-21-24-27-32-35-40<br>18-20-24-27-32**                         | on request<br>–<br>–   | 0 and B<br>B<br>0 and B wide plank type strip  | <b>Cut to size:</b> on request<br><b>Structure:</b> edge glued continuous equally wide lamellas<br><b>Resin:</b> PVAc (white glue) - B4 (D4) - formaldehyde free<br><b>Moisture content:</b> (8±2)% when shipped ex works<br><b>Thick. tolerances:</b> ± 0,3 mm<br><b>Standards:</b> Production according to EN 13017-1<br><b>Packing:</b> skids, foil wrapping on request, edge protection, iron hooped, label specifying goods and dimensions<br><b>Pack. quantities:</b> <b>10</b> mm: 50 pieces - <b>13</b> mm: 40 pieces<br><b>14/15</b> mm: 35 pieces - <b>18</b> mm: 30 pieces - <b>19/20/21/22</b> mm: 25 pieces<br><b>24/27</b> mm: 20 pieces - <b>32/35</b> mm: 15 pieces - <b>40/42</b> mm: 12 pieces<br><b>50/52/55</b> mm: 10 pieces<br>* depending on availability **L-Width 32 mm =117 or 140 mm  |
| <b>1-S Spruce antiqued</b> | 5000x1200                               | –                             | 45                         | 20-27-40  | on request             | AB   |  |
| <b>1-S Pine</b>            | 5000x1200                               | –                             | 45                         | 15-18-20-27-40  | –                      | 0 and B  |  |
| <b>3-S Spruce</b>          | 5000x2050<br><br>5000x2050<br>5000x2050 | –<br>–<br>–                   | 117/140*<br><br>190<br>160 | 13-16-19-22-27-32-35-42-49-60<br><br>19<br>19   | on request<br>–<br>–   | 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 (on request) - D/D open on both sides only (on request)<br>A/B-A/C+<br>A/B-A/C+ | <b>Cut to size:</b> on request<br><b>Structure:</b> longitudinally continuous planks - rectangularly (90 degree) placed closed, defectfree core layer<br><b>Gluing:</b> AW (ex AW 100) - DIN 68705 - SWP/2 - SWP/3 (on request) - low formaldehyde emission abt. 0,01 - 0,03 ppm HCHO (<E1)<br><b>Thickness of surface lamella:</b> 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<br><b>Special width of lamella:</b> 160, 190 mm – only for tickness 19 mm and quality A/B - A/C+<br><b>Moisture content:</b> (8±2)% when shipped ex works<br><b>Thickness tolerances:</b> ± 0,3 mm<br><b>Standards:</b> Production according to EN 13017-1<br><b>Packing:</b> skids, foil wrapping on request, edge protection, label specifying goods and dimensions<br><b>Packing quantities:</b> <b>13</b> mm: 40 pieces - <b>16</b> mm: 30 pieces<br><b>19</b> mm: 25 pieces - <b>22</b> mm: 25 pieces - <b>27</b> mm: 20 pieces<br><b>32</b> mm: 15 pieces - <b>35</b> mm: 15 pieces - <b>42</b> mm: 12 pieces<br><b>49</b> mm: 10 pieces - <b>60</b> mm: 8 pieces |
| <b>3-S Spruce antiqued</b> | 5000x2050                               | –                             | 140                        | 19-27   | –                      | A/B-A/C+-B/B-B/C+  |  |
| <b>3-S Pine</b>            | 5000x2050                               | –                             | 117/140*                   | 19-27   | –                      | 0/B-0/C+-B/C+  |  |
| <b>3-S Larch</b>           | 5000x2050                               | –                             | 110/140*                   | 19 core layer larch 5/9/5 mm<br>26 core layer larch 7/12/7 mm<br>32 core layer spruce 7/18/7 mm<br>42 core layer spruce 8,5/25/8,5 mm | –                      | A/B-A/C+-B/C+  |  |
| <b>5-S Spruce</b>          | 5000x2050                               | –                             | 117/140*                   | 27-32-35-42   | –                      | 0/0-0/B-0/C+-A/B-A/C+-B/B-B/C+-C+/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 Alteration**  
**When using solid wood panels always remember: wood is alive!**