



| Board Layer Wood Class           | GL 24 c  | GL 32 c                   | GL 36 c                   |
|----------------------------------|--|---------------------------|---------------------------|
| Type of Wood                     | Spruce   |                           |                           |
| Wood Moisture                    | 8% - 12%   |                           |                           |
| Slat Strength                    | 40mm   |                           |                           |
| Adhesion                         | Amino-Melamine-Resin, light; glue compounds which do not darken over time  |                           |                           |
| Surface                          | Planed on 4 sides, edges bevelled  |                           |                           |
| Cross Section                    | Width: 100 - 240mm<br>Height: 160 - 1,250mm  |                           |                           |
| Length                           | From 2 to 24m  |                           |                           |
| Packaging                        | In packages, individually wrapped upon request   |                           |                           |
| Quality                          | Visual / Industrial  | Visual                    | Visual                    |
| Manufacturing Process            | As per DIN EN 14080, EN 385 and EN 386   |                           |                           |
| Sorting                          | As per DIN EN 14081  |                           |                           |
| Sorting Classes                  | L17, L25   | L30, L36                  | L36, L40                  |
| Bending Strength $f_{m,g,k}$     | 24 N / mm <sup>2</sup>   | 32 N / mm <sup>2</sup>    | 36 N / mm <sup>2</sup>    |
| Tensile Strength $f_{t,0,g,k}$   | 14 N / mm <sup>2</sup>   | 19.5 N / mm <sup>2</sup>  | 22.5 N / mm <sup>2</sup>  |
| Elasticity Module $E_{0,g,mean}$ | 11600 N / mm <sup>2</sup>  | 13700 N / mm <sup>2</sup> | 14700 N / mm <sup>2</sup> |
| Individual Monitoring            | Wedge-shaped bending strength as per DIN 68140-1 and EN 408<br>Glue joints as per EN 386:2001  |                           |                           |
| External Monitoring              | FMPA Stuttgart<br>Holzforschung Austria, Wien<br>Versuchsanstalt für Stahl, Holz und Steine, Karlsruhe (Inspection Agency for Steel, Wood and Stone) |                           |                           |

h = homogenous; c = combined