

| | Quality 1 Playground grade | | Quality 2 Landscaping grade | | Quality 3 Fencing grade | | Quality 4 Agricultural grade | | Quality 5 4 ex log | |
|---|--|--|--|---|--|---|--|---------------------------------------|---|---|
| | Permitted conditions | Prohibited conditions | Permitted conditions | Prohibited conditions | Permitted conditions | Prohibited conditions | Permitted conditions | Prohibited conditions | Permitted conditions | Prohibited conditions |
| Timber defects | Bluing | Rot | Bluing | Rot | Bluing | Soft rot | Bluing | Soft rot | Bluing | Soft rot |
| | Simple split | Bark | Simple split | Bark | Simple split | Bark | Simple split | Bark. Redundant bark must be removed. | Simple split | Bark |
| | Small mechanical damage (e.g., marks left by a harvester): to the extent of 10% of the length, max depth 1% of the product diameter. | Insect attacks | Small mechanical damage (e.g., marks left by a harvester): to the extent of 25% of the length, max depth 2% of the product diameter. | Insect attacks | Ringshake | Mechanical damage (except for that indicated as permissible). | Ringshake | | Insect attacks | Mechanical damage (except for that indicated as permissible). |
| | Wane (at the end, cleaned with a knife): to the extent of 10% of the length. | Ringshake | Wane (at the end, cleaned with a knife): to the extent of 10% of the length. | Ringshake | Insect attacks | Wane (except for that indicated as permissible). | Small mechanical damage (e.g., marks left by a harvester): to the extent of 100% of the length, max depth 10% of the product diameter. | | Small mechanical damage (e.g., marks left by a harvester): to the extent of 50% of the length, max depth 4mm | Wane (except for that indicated as permissible). |
| | Max depth of the wane: 1% of the diameter. | Flowing resin pockets | Max depth of the wane: 2% of the diameter. | Mechanical damage (except for that indicated as permissible). | Wane (except for that indicated as permissible). | Small mechanical damage (e.g., marks left by a harvester): to the extent of 50% of the length, max depth 4mm. | Wane: to the extent of 100% of the length. | Hard rot | Hard rot | Wane (sawing surface): to the extent of 100% of the length |
| Torn grain | | Hard rot | | Max depth of the wane: 10% of the diameter. | | | | | | |
| Mechanical damage (except for that indicated as permissible). | | Wane (cleaned with a knife): to the extent of 10% of the length. | | Insect attacks | | | | | | |
| Wane (except for that indicated as permissible). | | Max depth of the wane: 4% of the diameter | | Hard rot | | | | | | |
| Tolerances of measurements | Diameter: -4%...+1% Length: a) With sharpening: up to -2cm b) Trimmed (bevelled): up to -1cm Warping: a) <1999 mm 1.5% of the length b) >2000 mm 1% of the length c) Composite warps are not permitted | | Diameter: -4%...+1% Length: a) With sharpening: up to -2cm b) Trimmed (bevelled): up to -1cm Warping: a) <1999 mm 1.5% of the length b) >2000 mm 1,5% of the length c) Composite warps are not permitted | | Diameter: -4%...+1% Length: a) With sharpening: up to -2cm b) Trimmed (bevelled): up to -1cm Warping: a) <1999 mm 1.5% of the length b) >2000 mm 1,5% of the length c) Composite warps are not permitted | | Diameter: -4%...+1% Length: a) With sharpening: up to -2cm b) Trimmed (bevelled): up to -1cm Warping: a) <1999 mm 1.5% of the length b) >2000 mm 1,5% of the length c) Composite warps are not permitted | | Diameter: -4%...+1% Length: a) With sharpening: up to -2cm b) Trimmed (bevelled): up to -1cm Warping: a) <1999 mm 1.5% of the length b) >2000 mm 1,5% of the length c) Composite warps are not permitted | |
| Sharpening parameters | Sharpening point: a) Ø 50...100 mm sharpening point 10...20 x 10...20 mm b) Ø 110...200 mm sharpening point 20...40 x 20...40 mm Sharpening length: a) Ø 50...100 mm sharpening length 120...170 mm b) Ø 110...200 mm sharpening point 150...200 mm | | Sharpening point: a) Ø 50...100 mm sharpening point 10...20 x 10...20 mm b) Ø 110...200 mm sharpening point 20...40 x 20...40 mm Sharpening length: a) Ø 50...100 mm sharpening length 120...170 mm b) Ø 110...200 mm sharpening point 150...200 mm | | Sharpening point: a) Ø 50...100 mm sharpening point 10...20 x 10...20 mm b) Ø 110...200 mm sharpening point 20...40 x 20...40 mm Sharpening length: a) Ø 50...100 mm sharpening length 120...170 mm b) Ø 110...200 mm sharpening point 150...200 mm | | Sharpening point: a) Ø 50...100 mm sharpening point 10...20 x 10...20 mm b) Ø 110...200 mm sharpening point 20...40 x 20...40 mm Sharpening length: a) Ø 50...100 mm sharpening length 120...170 mm b) Ø 110...200 mm sharpening point 150...200 mm | | Sharpening point 10...20 x 10...20 mm Sharpening length 120...170 mm | |
| Bevelling parameters | The bevelling angle is 45° A bevel is as symmetrical as possible The length of a bevel side is appr. 10% of the diameter | | The bevelling angle is 45° A bevel is as symmetrical as possible The length of a bevel side is appr. 10% of the diameter | | The bevelling angle is 45° A bevel is as symmetrical as possible The length of a bevel side is appr. 10% of the diameter | | The bevelling angle is 45° A bevel is as symmetrical as possible The length of a bevel side is appr. 10% of the diameter | | The bevelling angle is 45° A bevel is as symmetrical as possible The length of a bevel side is appr. 10% of the diameter | |
| Splitting parameters | Must be split at the center (permissible deviation ± 2 mm) | | Must be split at the center (permissible deviation ± 2 mm) | | Must be split at the center (permissible deviation ± 2 mm) | | Must be split at the center (permissible deviation ± 2 mm) | | Must be split at the center (permissible deviation ± 2 mm) | |