



Tegernsee customs (Tegernseer Gebräuche)

Explanations

Prefix

The quality classes in this table apply for the general use of sawn timber. For special requirements, e.g. strength or moisture content of sawn timber, the DIN standard is to be complied with and agreed when ordering.

I. General

Sawn softwood timber is delivered healthy; defects of the type and extent laid down for the sawing class or quality class are permissible. Making up the quantity is permissible in case of rotted locations in waney goods. When boards are sorted, the better side is evaluated. The other side must conform to at least the following class, otherwise classification to one class higher than the worse side. Defects remedied by making up the quantity are not to be taken into account for classification

For unsorted goods direct from the sawmill, no timber may be sorted out.

In the case of goods planed on one side, the planed side is to be evaluated; for goods planed on two sides, the better side is evaluated.

II. Quality characteristics

a) Colour

- * neutral: neither with red or blue streaks, nor coloured through inexpert handling.
- * light-coloured: up to 10% of the surface coloured
- * medium-coloured: up to 40% of the surface coloured
- * rotten: cannot hold a nail

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b) Knots

- * not taken into account: up to 0.5 cm smallest diameter
- * small: up to 2 cm smallest diameter
- * medium-sized: up to 2 cm smallest diameter

Unless otherwise agreed, the larger diameter of the knots may not exceed 4 times the permissible smallest diameter, but in the case of pine, they may be at least 8 cm long. Solid black and black-surrounded knots count as healthy if they are at least half grown solid on at least one side of the board. No difference is made between round and elongated knots.

c) Resin galls

- * not taken into account: up to 0.2 cm wide, up to 2 cm long
- * small: up to 0.2 cm wide, up to 5 cm long
- * medium-sized: up to 0.2 cm wide, up to 10 cm long

Resin galls of larger size are also not taken into account, if they occur on the wide side at the waney edge. The measurement is always taken at the widest and longest position.

c) Cracks

- * not taken into account: insignificant fine cracks
- * small: Length up to the simple board width, not oblique, not through, end cracks may go through.
- * medium-sized: Length up to 1 ½ board width, even through.
- * large: longer than 1 ½ times board width, oblique cracks passing through, cracks along through rings separating. For waney goods, cracks may be made up for in quantity.

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d) Waney edges

- * small: up to $\frac{1}{4}$ board width (measured on the slope), up to $\frac{1}{4}$ board length
- * medium-sized: up to $\frac{1}{2}$ board width (measured on the slope), up to $\frac{1}{2}$ board length
- * large: encountered by the saw on four sides for the whole length. Minimum cover width must be $\frac{1}{2}$ the board width.

Waney edges need no be taken into account, if they occur on the worse side.

III. Quality deviations

Boards and planks of particularly high-value origin may deviate slightly from the quality provisions.

IV. Dimensional accuracy

The invoiced dimensions must be present.

a) For log, centre and top-end goods, sides without knots, model goods, blanks for planing, spruce/fir block goods and also for selected blocks of produced, squared joinery quality in dry condition.

b) For dimension and stock goods and for all other commonly available ranges, unless expressly agreed otherwise. For a reference moisture content of 30%.

The widths may be too small by up to 2 % and the thicknesses by up to 3 % for up to 10 % of the quantity.

V. Delivery condition

Unless otherwise agreed, the following will be delivered

- a) the ranges stated under IV a) in dry condition,
- c) the ranges stated under IV b) fresh or half-dried.

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VI. Degrees of dryness

Sawn softwood counts as

- a) dry, if it has an average timber moisture content of maximum 20 % over the cross-section of the piece.
- b) half-dry, if it has an average timber moisture content of maximum 30 % over the cross-section of the piece.
- c) consignment-dry, if it has, according to the wood species and time of year, a moisture content, which excludes damage caused by its own moisture during transport of a normal transport duration.
- d) fresh without limitation of the timber moisture content.

For dry and half-dry goods, 20 % of the quantity may lie over the limits as part of natural moisture variations.

VII. Measurement

- a) Unsquared sawn timber is always measured in single pieces, and squared timber is measured in single pieces unless otherwise agreed.
- b) Widths: for unsquared goods in the middle of the board, either matched or as a lying block. Boards up to and including 33 mm are measured on the thin side, unless these are side goods with different thicknesses from the main goods, or single boards. Rounding up of the width dimension (excepting dimensions and stock goods) to full cm downwards, with 1% deviation no being taken into account.
- c) For planed or tongue and/or grooved goods, the section dimension, and for flat-sided planed goods the width remaining after processing, is measured in mm.
- d) Lengths: Mortised and block goods decimetre, dimension and stock goods as well as goods ordered at fixed lengths, full centimetres; otherwise always by $\frac{1}{4}$, $\frac{1}{2}$ and 1/1 metres.
- e) For unsquared goods, the length and width dimensions or if desired by the customer the log and leaf number at the measuring location will be marked legibly, also for squared goods, if payment according to size has been agreed.

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VIII. Cover widths

For unsquared goods, unless otherwise agreed, the following minimum cover widths apply for all quality classes:

Thickness up to 19 mm:	8 cm
Thickness 20 to 30 mm:	10 cm
Thickness 31 to 40 mm:	12 cm
Thickness 41 mm upwards:	14 cm

Lower cover widths may be agreed in isolated cases, if the part with less cover width is not invoiced.

IX. Split goods

For split goods, categorisation before splitting. Boards less than 16 mm thickness, produced in the original cut, are categorised as under I.

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Quality requirements for sawn softwood from inland production according to the Tegersee customs

Sort	Quality class	Colour	Knots	Resin galls	Cracks	
Unprocessed boards and planks	Block goods		external: generally produced from healthy logs, externally free of branches and bulges. Reaction wood logs excepted internal: corresponding to at least quality class II. Heart board class III or if the core is separated 2 heart boards class III permissible		Stacking and diameter, G Group III	
	0	neutral	1 small knot up to 5 cm long per running m without taking location into account	small, instead of the knots	isolated sm	
	I	isolated lightly coloured	Small and stable-grown up to 5 cm long per running m, 1 small loose knot	isolated small		
	II	lightly coloured	2 small loose knots per running m, without taking location into account; otherwise stable-grown knots of medium size up to 10 cm long. Better side with no opposing branches starting from heart	small	isolated sm small end cracks, not invoiced	
	Spruce					
	III	medium coloured. Pine greyed according to time of year	isolated medium-sized loose, other wise healthy	medium size in small quantity	medium-size	
	IV	coloured	Goods, which do not meet class III. Sawn timber, which is not longer usable and firewood. Fragments and deteriorated goods excepted			
	Ready for planing	Isolated lightly coloured. Pine slightly grey	medium-sized healthy up to 7 cm long, no loose knots	small, but no deterioration of the appearance	isolated sm small end cracks, not invoiced	

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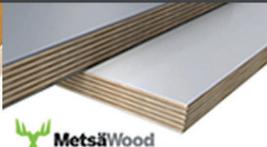
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Westag & Getalit Shuttering

MetsäWood Shuttering

Shuttering & Cladding

Sawn Timber

Small Accessories

Shuttering Systems

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	Waney corners	Other characteristics	Standard lengths	Width	Measured by
pruce/fir					
		and sale in blocks. Group I: 40 cm + smaller (upper) Group II: 35-39cm smaller diameter : 30-34 cm smaller dia.; 25- 29 cm smaller dia. Only for boards up to 19 mm thick	3-6 m long		by the board; compared of laid in blocks; side boards up to 33 mm including narrow-sided
all	isolated small	no reaction wood, for waney timber, curvature up to 2 cm/running m	3-6 m long	8 cm or more	by the board
	isolated small	no reaction wood, for waney timber, curvature up to 2 cm/running m, if it otherwise meets class 0 and purchaser agrees.	3-6 m long	8 cm or more	by the board
all,	small	Insect damage also excluded on the worse side, for waney timber, curvature up to 2 cm/running m	3-6 m long	8 cm or more	by the board
e/fir/pine/larch					
ed	medium sized	Slight insect damage permissible, curvature permissible for waney timber	3-6 m long, for pine up to 15 % of the quantity 2 m or more	8 cm or more, 12 cm DB, 18 cm or more, no DB	by the board or by area
r	large	may also be incorrectly sawn	2-6 m long	8 cm or more, no DB	by the board or by area
all,	small	only sawn parallel or as a prism, maximum 55 cm thick	2-6 m long	8- 18 cm	by the board

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Sort	Quality class	Colour	Knots	Resin galls	Cracks
Battens	Spruce/fir/pi				
	I	medium coloured. Pine greyed according to time of year	small, as long as strength is not impaired	permissible as long as the use is not impaired	small
	II	coloured. Pine greyed according to time of year	permissible, as long as strength is not impaired	permissible	permissible as long as batten is not break-proof
	Spalier battens	coloured, pine greyed	permissible	permissible	permissible
Sort	Quality class	Colour	Knots	Resin galls	Cracks
Four-sawn timber and framing	Spruce/fir/pi				
	I	medium coloured. Pine greyed according to time of year	medium-sized, for pine isolated medium-sized healthy	permissible as long as the use is not impaired	none continuous
	II	Coloured, pine greyed	permissible	permissible	medium-sized

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Waney corners	Other characteristics	Standard lengths	width	Measured by
ne/larch/douglas fir				
small		3-6 m long	not over 8 m wide, not over 32cm ² cross-section	
each side along entire length		3-6 m long	not over 8 m wide, not over 32cm ² cross-section	
50% of the quantity square-edged, otherwise along the entire length	uniformly sawn	0,8 m or more	up to 35 cm wide	up to 24 cm thick

Waney corners	Other characteristics	Standard lengths	width	Measured by
ne/larch/douglas fir				
none continuous	No twisting	3-6 m long up to 10 % of the quantity under 3 m	Cross-section over 32cm ²	log sawn into 4 sections through the centre, Framing timber 4 from one log
up to 0.5 of larger section dimension, measured on the slope	light twisting and slight insect damage permissible			

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Sort	Quality class	Colour	Knots	Resin galls	Cracks
Square-sawn timber	Spruce/fir/pine				
	Sawing class S	coloured, pine greyed, permissible	permissible	sharp corners	
	Sawing class A			waney corners up to 1/8 of larger side on any corners for the entire length	
	Sawing class B			waney corners: up to 1/3 of larger slope), on any corners for the entire length	
Sawing class C	on four sides for the entire length; p quantity not the entire length, if not				
Sort	Quality class	Colour	Knots	Resin galls	Cracks
Planed	Spruce/fir/pine/larch				
	I	neutral, isolated light-coloured, pine slightly greyed	only stable-grown knots up to 2.5 cm smallest diameter	isolated small	small
	II	light-coloured, pine greyed	small, black, stable-grown knots up to 4 cm smallest diameter	small	small
	III	medium-coloured pine greyed	isolated only small loose knots	permissible	large, not longer than board length
	Planed tongue and groove	coloured pine greyed	isolated only small loose knots	permissible	not longer than 1/3 board length
Skirtings	Divided into quality classes I and II; Quality requirements as for planed boards class I and II				

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Waney corners	Other characteristics	Standard lengths	width	Measured by
fir/larch/douglas fir				
side (measured on slope),	externally healthy, free of defects, barked; permissible: heart and dry cracks, holes bored by fresh wood insects; impermissible: any type of rot, splitting of rings; class A: for lengths over 8 m, 10% of the quantity may correspond to class B in the last ½ m	3 m or more long, stocked square-sawn timber 25 % of the quantity 2 m to 2.80 m long	Half timber= sawn timber, where at least 2 sections have been sawn from the log	
side (measured on length)				
permissible in lesser invoiced				

Waney corners	Other characteristics	Standard lengths	width	Measured by
Douglas fir/Weymouth pine				
small only on unplanned side		2-6 m long	from raw goods 8-18 cm wide	by the board incl. tongue in mm
small only on unplanned side		2-6 m long	from raw goods 8-18 cm wide	by the board incl. tongue in mm
1/4 h	Planing defects permissible	2-6 m long	from raw goods 8 cm or more wide	by the board incl. tongue in mm
ard	Planing defects permissible	2-6 m long	from raw goods 8 cm or more wide	by the board incl. tongue in mm
or II			without width limit	

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