

GOST 26002-83

SAWN TIMBERS EXPORT NORTHERN SORTING
Requirements in accordance with GOST 26002-83

Spruce and silver fir

#	The Parameter, an attribute, defect of wood, its arrangement	Requirements on grades		
		1-3 grade	4 grade	5 grade
1	Breed of wood	A fur-tree, a fir		
2	Nominal length, m	From 1,5 and more with gradation 0,3, from 0,45 up to 1,35 with gradation 0,15		
3	Deviations from nominal length, mm	From-12 up to +25		
4	Nominal thickness, mm	16, 19, 22, 25, 32, 40, 44, 50, 60, 75, 100		
5	Deviations from nominal thickness, mm, at thickness: less than 50 mm	From-1 up to +2		
	50 mm and more	From-2 up to +3		
6	Nominal length, mm	75, 100, 125, 150, 175, 200, 225, 250, 275		
7	Deviations from nominal width, mm	From-2 up to +3		
<p>The note 1: The Sizes of sawn timbers on thickness and on width are established for humidity of 20 %. At greater or smaller humidity the sizes should be more or less on size of shrinkage in accordance with GOST 6782.1-75. The quantity of sawn timbers with the maximal permissible deviations of the sizes should not make more than 25 % from total of sawn timbers.</p>				
8	Knots which healthy round and oval, the least considered size - the supposed size (in brackets - the supposed sizes at absence of the decayed rotten and tobacco knots), mm / average quantity of knots on 1 m of length (in brackets - on all length of sawn timbers), pieces: On external sait: at thickness from 50 up to 100 mm	The admission., (70-75) / (1-2)		Are supposed
	at thickness from 25 up to 44 mm	38-50/1, (50-63) / (1-2)		
	at thickness from 16 up to 22 mm	38-50/1, (50-63) / (1-2)		

	At width of all thickness of 75 mm - the size of knots, per cent width	50	67	adition
	On internal sait, quantity of knots	On norms for external sait	It is supposed	
	On edges and edges (for all length), at thickness: from 50 up to 100 mm	44-50 / (1-3)	Are supposed	
	from 25 up to 44 mm	19 mm - 75 % of thickness / (3-5)		
	from 16 up to 22 mm	13 mm - 100 % of thickness / (2-4)		
	At end faces (on everyone)	Up to 25/1	Are supposed	
9	Joint knots healthy oblong, branched out, including leaving on an edge, joint on internal sait	Are supposed on internal layer: the size - on norms for round and oval knots, in the general number joint round and oval		
10	Knots unjoint healthy, decayed, rotten and tobacco, the size, mm / quantity of knots on all length sawn timber (among joint healthy), piece ∴ layers at thickness: from 50 up to 100 mm	30-50/3-6	Are supposed	
	from 25 up to 44 mm	20-25/2-4		
	from 16 up to 22 mm	16-22/1-3		
	At width of all thickness of 75 mm, the size, per cent of width	33	50	adition
	Through layer decayed, rotten and tobacco: At thickness: from 50 up to 100 mm	Are not supposed	38/addition	adition
	from 16 up to 44 mm	Are not supposed	25/addition	adition
	At width of all thickness of 75 mm, the size, per cent of width	33	50	adition
	On edges and edges, at thickness: from 50 up to 100 mm	16-25/2-4	Are supposed	
	from 25 up to 44 mm	13-19/1-3		
	from 16 up to 22 mm	6-10/1-2		
	Apertures from dropped out unjoint knots: on layers, the size, mm, at width: from 75 up to 125 mm	Are not supposed		32
	150 mm and above			38
	On edges, depth, per cent of thickness	67	100 with an output on external layer up to 2 mm	adition

11	Knots unjoint face	Are not supposed	Are supposed	
<p>The note 2: The Size of knots define on the least diameter. The size of a knot on an edge define on length of section of a knot on an edge sawn timber, to them distribute norms of supposed knots on edges. Depth seam a knot in an edge define on distance between an edge and a tangent lead in parallel to an edge.</p> <p>The note 3: The Quantity of knots specified with an interval, means, that smaller value concerns to short sawn timbers (length up to 2,40), and greater value - to long (length of 2,70 m and more).</p> <p>The note 4: Joint consider knots on one layer joint on all perimeter, and on another - unjoint.</p> <p>The note 5: Knots with the sizes less specified in the table do not consider.</p> <p>The note 6: At ungrade sawn timbers simultaneous presence unjoint knots, cracks and durck mushroom painting with as much as possible admissible sizes is not supposed.</p>				
12	Cracks lateral layer, length, per cent of length sawn timber: Not through	75 with an output on one end face depth до50 % of thickness of one meter, without an output from an end face in edges	Are supposed	
	Through Without an output in an end face, including rings	33	Are supposed	
	With an output in an end face: length, mm	100	-	600
	Per cent of width of sawn timbers	-	100	-
13	Cracks lateral ends	Are supposed not crossing edges of edges	Are supposed	
14	Cracks face: heart, length, per cent of width sawn timber: at thickness from 50 up to 100 mm	75 (at one end face)	Are supposed	
	Other thickness	Are not supposed		
	ring, diameter, mm, at thickness of sawn timbers: from 25 up to 44 mm	10	Are supposed	
	from 44 up to 63 mm	25		
	More than 63 mm	25		
<p>The note 7: Cracks should not lead to infringement of integrity of sawn timbers.</p>				
15	The Inclination of fibres, deflexion fibres from a direct direction at length of 0,3 m, mm	38	It is supposed	
16	Abnormal wood	It is supposed without cracks at end faces	It is supposed	
17	Pitch pockets: on layer (unilateral): width, mm	6	Are supposed	
	length, mm	200		
	quantity on everyone layer, pieces	10		
	on edges: width, mm	3		

	length, mm	100		
	quantity on each edge, pieces	5		
	At end faces: At thickness up to 22 incl. mm	Are not supposed		
	At thickness of 25 mm and more: Width, mm	3		
	Length, mm	33 % of width of one meter		
18	The Core: At thickness from 22 up to 44 mm	It is supposed adjoining to internal layer on distance no more than 0,33 thickness	It is supposed	
	At thickness less than 22 mm	It is not supposed		
	Quantity of sawn timbers in a party with a core, %	30		
19	Inbark: quantity, шт/width, mm/length, mm: on layer not through: at thickness of one meter: from 50 up to 100 mm	4/25/125	It is supposed	
	from 16 up to 44 mm	4/15/63		
	on edges	2/2/20		
20	Gum spot on layers and edges	Spots and strips Are supposed	It is supposed	
21	Mushroom all-heart spots and strips: On layers and an edge, the size, per cent of width or length sawn timber	25	50	addition
	At an end face, per cent from the area of an end face	Are not supposed	10	
22	Light sapwood mushroom painting and a mould: the area on all surfaces, per cent from the area of one the area of one layer: superficial	15	-	addition
	Depth, mm	2	addition	
		In the form of spots and strips		
	Deep	5	50	
		In the form of spots and strips		
	Quantity of one meter with the maximal sizes of defect in a party, %	-	25	
23	Sapwood decay: firm, the size, per cent of width or length of one meter without an output on an end face	25	50	addition

	Soft	It is not supposed		
24	Decay all-heart: Brown cracked	It is not supposed		
	Motley mesh-screen firm, The size, per cent of width/length	20/20	25/33	-
	The area, per cent from the area layer	-	-	50
	The area all-heart decay at an end face, per cent of the area of an end face	It is not supposed		25
25	External mouldering decay	It is not supposed		
26	The Wormhole	It is not supposed		
	Superficial	It is not supposed		addition
27	Stupid wane: length, per cent of length of one meter: on one edge	33	-	addition
	On both edges	25	67	
	Width, the size of not sawn through part, per cent of thickness at thickness of one meter: up to 25 mm	50	67	
	Over 25 mm	33	67	
	The least size of the sawn through part on an edge, per cent of thickness of one meter	-	50	33
	The least size of the sawn through part on layer, per cent of width	-	-	33
28	Sharp wane	It is not supposed		-
	On one edge (at preservation of nominal width internal layer), length, per cent of length of one meter			10
29	Risks, depth, mm	0,75		
30	The Fringe	It is not supposed		
31	Slope has spent on drink, a deviation from perpendicularity of an end face to layer and an edge, per cent of width or thickness of one meter	3		
32	Edges,gash: on edges at internal layer	Are not supposed		
	on edges at external layer	Are supposed on norms for wane		
33	The Sinuosity, height of a wave, mm	0,75		
34	Cracks, depth, mm:	0,75	3	addition

	on layers			
	on edges	3	5	
35	Foreign impurities	Are not supposed		
36	Crook longitudinal on an edge: arrow of a deflection, per cent of length of one meter	0,15	0,20	addition
	Quantity of sawn timbers with supposed defect, per cent from total of a grade	20		
37	Crook longitudinal on layer, an arrow of a deflection at length of 1,5 m, mm	6	13	addition
38	Crook cross-section, an arrow of a deflection, mm, at width of one meter: 150 mm and more	6	10	addition
	from 75 up to 125 mm	3	6	
39	Cast crooking, a deviation from planeness layer on all length, mm	13		addition

The note 8: At absence of other normalized defects one defect, except for blue and cracks, with excess of the established requirements of 20 % is supposed.

The note 9: The Defects of the wood which has been not mentioned in the table, are supposed.

WOOD IMPORTS

