

STRUCTURAL FINGER JOINTED TIMBER

The structural finger jointed timber in the product range of Kurekss Ltd. is manufactured using the high-quality one-component polyurethane adhesive, which is certified for the production of construction timber. We produce both general-purpose and CE-marked structural finger jointed construction timber in accordance with the EN 15497 standard. Double vacuum treatment is also possible, providing UC2 use class protection.

Cross-section (mm)	Grade	Length												
		2,4	2,7	3,0	3,3	3,6	3,9	4,2	4,5	4,8	5,1	5,4	5,7	6,0
45×45	SF	S	O	S	O	S	O	S	O	S	O	S	O	S
45×70	SF/C24	S	S	S	O	S	O	S	O	S	O	S	O	S
45×95	SF/C24	S	O	S	O	S	O	S	O	S	O	S	O	S
45×145	SF/C24	S	O	S	O	S	O	S	O	S	O	S	O	S

S — standard production

O — optional

DECLARED PERFORMANCE (FOR CE AND UKCA MARKED PRODUCTS)

Essential characteristics	Declared performance	Harmonized technical specification
Modulus of elastic, Bending Strength, Compressive strength, Tensile strength, Shear strength, given as strength class (EN 14081)	C16 C24	EN 15497:2014; EN14081-1:2005+A1:2011; EN338:2014
Bonding strength, given as bending strength of finger joints	16 N/mm ² 24 N/mm ²	EN 15497:2014
Durability of bonding strength, given as Species Adhesive	Spruce Purbond HB 530, PUR, EN301 Type 1	EN 15497:2014, EN 15425:2008; EN 301:2013
Durability against biological attack, as natural durability class against wood destroying fungi (EN 350-2)	Durability class 5	EN 15497:2014 EN 350:2016
Resistance to fire, given as Geometrical data Charring rate, as characteristic density Species	350kg/m ³ Spruce	EN 15497:2014
Prservative treatment (when used)	Vacsol Aqua UC2, NP1	EN351-1:2007, EN15228:2009, EN335:2013
Reaction to fire	DS2-d0	EN14081-1:2005+A1:2011 (table 3.)
Release of formaldehyde	E1	EN 15497:2014
Release of other dangerous substances	No dangerous substances to declare	