

ADVANTAGES OF SEGEZHA GROUP'S BUSINESS MODEL **CONTACT US** info-clt@segezha-group.com segezha-group.com







BALANCED PORTFOLIO OF FOREST ASSETS



MANUFACTURING PLANTS



FINAL PRODUCTS WITH HIGH-END CONSUMER FEATURES AND ENVIRONMENTAL PROPERTIES



STRONG LEADING POSITIONS IN THE GROWING MARKETS

MODERN TECNOLOGY AND REAL COMFORT HIGH-END SOLUTIONS FOR SUSTAINABLE CONSTRUCTION



TECHNICAL SPECIFICATIONS

Segezha Group:

- Oynamically developing Russian forest industry vertically integrated holding
- Production facilities are located in Russia and in Europe
- Russian pioneer in glulam beams and glulam log houses manufacturing
- New CLT facility CLT Production plant put into operation in Fabruary 2021
- CLT is made at Segezha Group' Sokol facility – Sokol Timber Company (located in the North-West of Russia), annual CLT capacity **50 000 m³**
- Equipment for Sokol CLT is provided by top European suppliers - Ledinek, Imeas, SCM Group

APPLICATION: structural elements for walls, floors and roofs

or walls, floors and roo

DIMENSIONS

Lengths	to 16.0 m
Widths	to 3.5 m
Thicknesses	60 to 400 mm
Standard widths	
	2.70 m/ 3.00 m

TYPES OF WOOD: spruce from the northern forests

LAMELLAS: Kiln dried, quality graded and finger-jointed

THICKNESS 20, 30, 35 or 40 mm

STRENGTH CLASSES (lamellas): C24 according to EN 338 (equivalent to S10 acc. to DIN 4074)

GLUING

Formaldehyde-free PUR adhesive, approved for load-bearing indoors and outdoors timber components use

WEIGHT

Approx. 450 kg/m³ to 500 kg/m³ in average

SURFACE QUALITIES

Residential visible Industrial visible

SURFACE

Planed / Sanded

MOISTURE CONTENT: 12% (\pm 2%) at point of delivery

DIMENSIONAL STABILITY

Longitudinal: 0,02 % per % of change in moisture content Perpendicular: 0,025 % per % of change in moisture content

THERMAL CONDUCTIVITY: $\lambda = 0.12$ W/(m·K) according to EN ISO 10456

HEAT CAPACITY: c = 1.60 kJ/(kg·K)according to EN ISO 10456

AIRTIGHTNESS: airtight from a panel thickness of 90 mm

SOUND INSULATION: dependent on wall or ceiling build-up

REACTION TO FIRE: D, s2, d0 according to Commission Decision2005/610/EC





CERTIFICATES

Austrian Institute of Construction Engineering Schenkenstrasse 4 1+43 533 65 50 1010 Vienna Austria F+43 533 64 23 www.olb.or.at mall@olb.or.at	* * * * Designated according to * Article 29 of * Regulation (EU) * No 305/2011 *	Member of ECCENTA www.eota.eu
European Technical Assess	sment	ETA-21/0781 of 04.10.2021
General part		
Technical Assessment Body iss European Technical Assessmer		hes Institut für Bautechnik (OIB) tute of Construction Engineering
Trade name of the construction	product Sokol CLT	
Product family to which the con product belongs	struction Solid wood sl elements in b	ab elements to be used as structural uildings
Manufacturer	Lugovaya stre	ity Company «Sokol CLT» eet, house 1 vlogda region, RF 162130
Manufacturing plant	Lugovaya stre	ity Company «Sokol CLT» eet, house 1 logda region, RF 162130
This European Technical Asses contains		uding 4 Annexes which form an of this assessment.
This European Technical Asses is issued in accordance with Re (EU) No 305/2011, on the basis of	gulation 130005-00-03	sessment Document (EAD) 304 "Solid wood slab element to be uctural element in buildings".



