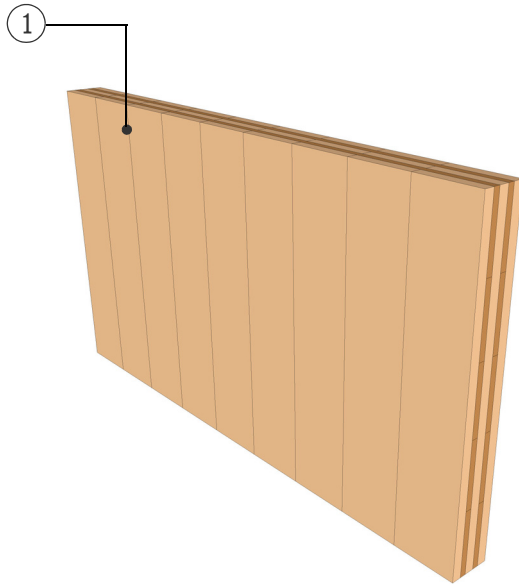


DATASHEET

KLH 5S 130 TT

KLH12.03

WALL PANEL



FIRE RESISTANCE

(R)EI 30 [min]

The fire resistance (R-criteria/structural resistance) up to 30 minutes applies for an effective wall height of 2.95 m with fire exposure from two sides. Should the planking material or the thickness deviate from stated information and a detailed examination of the actual load be required, please consult with a competent structural engineer of the KLH technical team.

SOUND INSULATION

R_w (C;C_{tr}) 36 (-1;-3) [dB]

THERMAL CHARACTERISTICS

U 0,80 [W/m²K]

m_{w,B,A} 34 [kg/m²]

MATERIAL

PROPERTIES

	[mm]		λ [W/mK]	μ min-max [-]	ρ [kg/m³]	c [kJ/kgK]	
①	130.0	5s TT, KLH solid timber slab	0.12	50 - 300	500	1.6	D

Thickness 130,0 [mm]

Mass per square meter ca. 65 [kg/m²]

Test report sound: HFA 1101/2012-BB/P 3.11
Calculation of the physical values by the
KLH Massivholz GmbH, without warranty