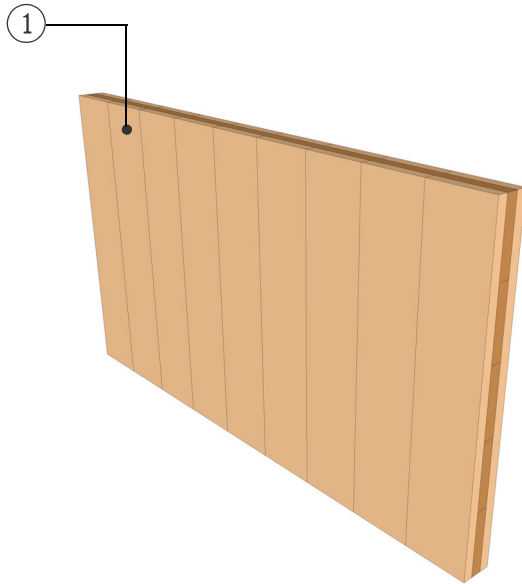


DATASHEET

KLH 3S 95 TT

KLH12.02

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}) **33 (-1;-3)** [dB]

THERMAL CHARACTERISTICS

U **1,04** [W/m²K]

m_{w,B,A} **31** [kg/m²]

MATERIAL

PROPERTIES

	[mm]		λ [W/mK]	μ min-max [-]	ρ [kg/m ³]	c [kJ/kgK]	
①	95.0	3s TT, KLH solid timber slab	0.12	50 - 300	500	1.6	D

Thickness **95,0 [mm]**

Mass per square meter **ca. 48 [kg/m²]**

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