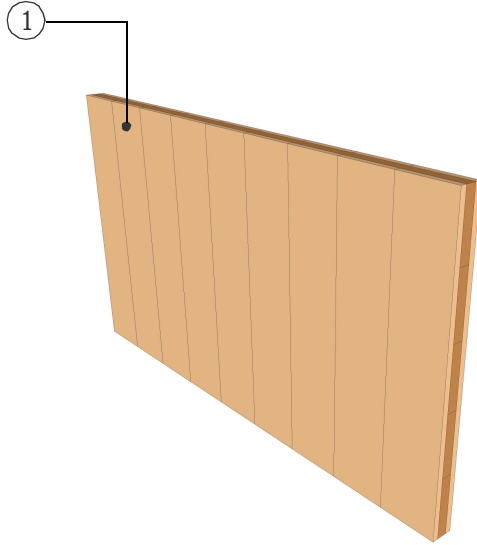


DATASHEET

KLH 3S 60 TT

KLH18.01

WALL SLAB



FIRE RESISTANCE

Vordimensionierung beidseitiger Brandangriff

R*EI 30	> 3s 80 DQ
R*EI 60	> 3s 80 DQ+15 GK-F
R*EI 90	> 3s 120 DQ+15 GK-F

*Resttragfähigkeit oder alternativer Aufbau siehe <https://www.klhdesigner.at/>

SOUND INSULATION

$R_w (C;C_{tr})$ 29 (-1;-3) [dB]

<https://www.klh.at/online-bauteilkatalog/>

THERMAL PROTECTION

U 1,49 [W/m²K]

$m_{w,B,A}$ 22 [kg/m²]

MATERIAL

PROPERTIES

	[mm]	λ [W/mK]	μ min-max [-]	ρ [kg/m³]	c [kJ/kgK]	
①	60.0 TT, KLH solid timber slab	0.12	50 - 300	470	1.6	D

Thickness 60,0 [mm]

Mass per squaremeter ca. 28 [kg/m²]

Test report sound: HFA_21082018
Calculation of the physical values by the
KLH Massivholz GmbH, without warranty