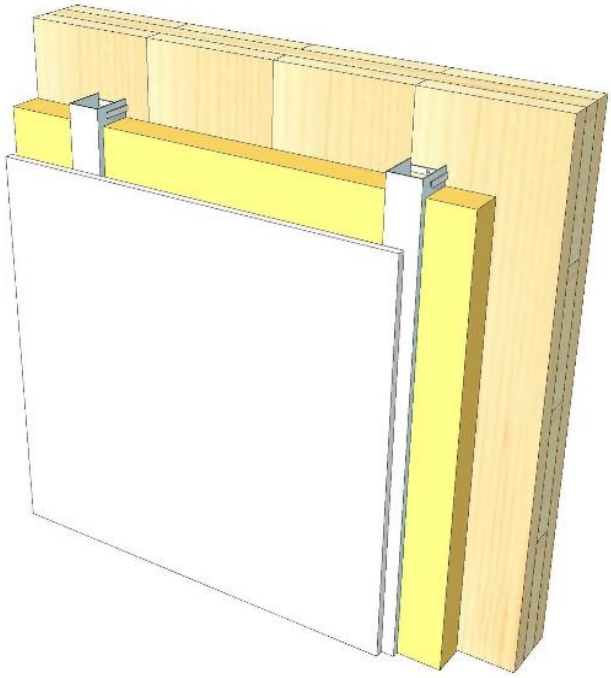
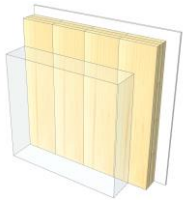
IW 07

Facing formwork CW-profiles

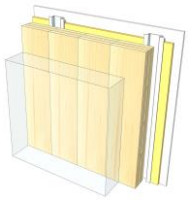


KLH® Visible

+ G

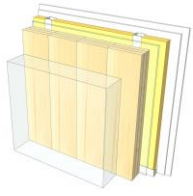


+ RP



+ FF

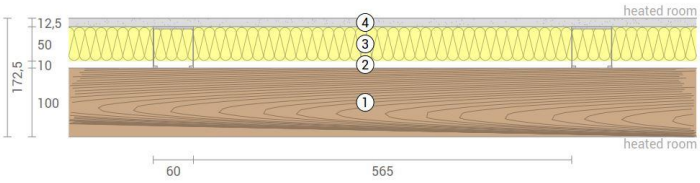
+ FF free / 2*G

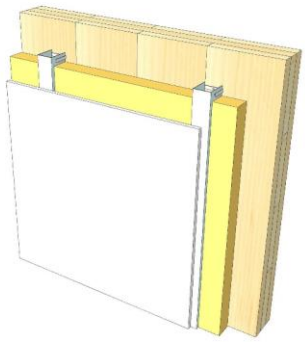


		KLH® Visible	+ G	+ RP	+ FF	+ FF free 2*G
Sound	Rw [dB]	47	48	50	52	62
Thermal	U [W/m²K]	0,45	0,44	0,36	0,30	0,29
Fire	R*EI [min]	30	60	60	90	90
Thickness	[mm]	173	185	215	250	260
Ecology	[kg CO2 eq./m²]	-58	-56	-52	-48	-48

IW 07 V

Interior wall / facing formwork





No	mm	Material
1	100	KLH® - CLT
2	60	CW-profile mounted elastically or free
3	50	Rock wool
4	12,5	Gt-F board

R*EI	(fire attack on both sides)
30	minutes

U-Value	
0,45	W/(m²K)

Rw		
47	(-3;-8)	dB

Thickness	
173	mm

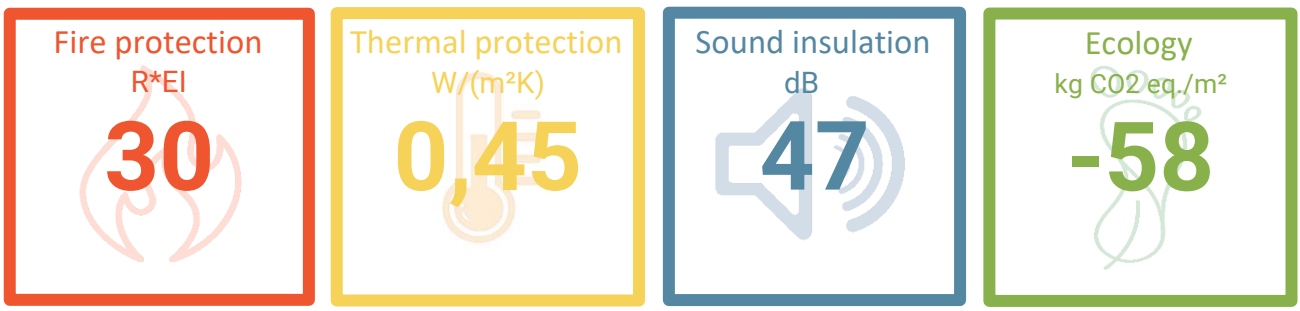
Mass per squaremeter	
61	kg/m²

Global warming potential	
-58	kg CO_2 eq./m²

Primary energy	(n. renewable)
71	kWh/m²

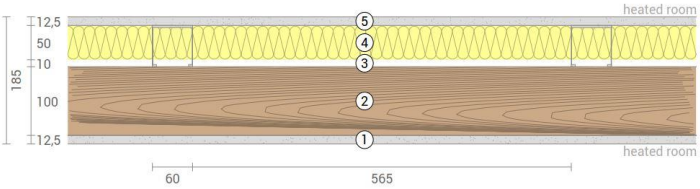
Link Ubakus
IW 07 V Ubakus

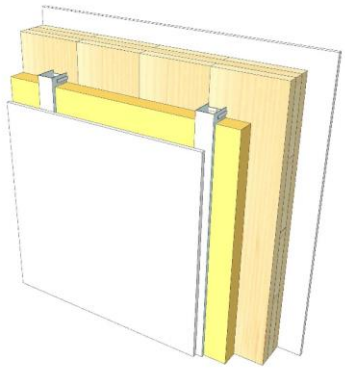
Link pre-dimensioning fire
KLH REI 30



IW 07 G

Interior wall / facing formwork
Cladded





No	mm	Material
1	12,5	Gt-F board
2	100	KLH® - CLT
3	60	CW-profile mounted elastically or free
4	50	Rock wool
5	12,5	Gt-F board

R*EI	(fire attack on both sides)
60	minutes

U-Value	
0,44	W/(m²K)

Rw		
48	(-3;-8)	dB

Thickness	
185	mm

Mass per squaremeter	
71	kg/m²

Global warming potential	
-56	kg CO_2 eq./m²

Primary energy	(n. renewable)
81	kWh/m²

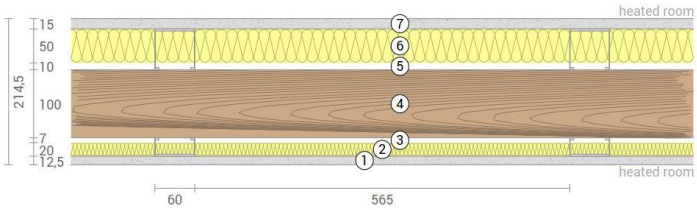
Link Ubakus
IW 07 G Ubakus

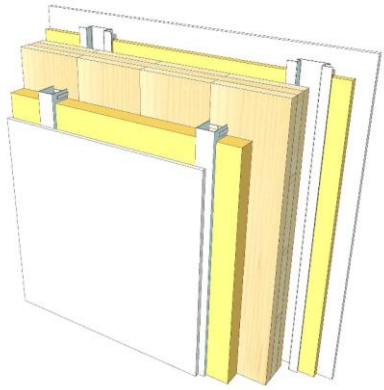
Link pre-dimensioning fire
KLH REI 60

Fire protection R*EI	Thermal protection W/(m²K)	Sound insulation dB	Ecology kg CO2 eq./m²
60	0,44	48	-56

IW 07 RP

Interior wall / facing formwork
Resilient profile





No	mm	Material
1	12,5	Gt-F board
2	20	Mineral wool
3	27	Resilient profile
4	100	KLH® - CLT
5	60	CW-profile mounted elastically or free
6	50	Rock wool
7	12,5	Gt-F board

R*EI	(fire attack on both sides)
60	minutes

U-Value	
0,36	W/(m²K)

Rw	
50	(-3;-10) dB

Thickness	
215	mm

Mass per squaremeter	
74	kg/m²

Global warming potential	
-52	kg CO_2 eq./m²

Primary energy (n. renewable)	
95	kWh/m²

Link Ubakus
IW 07 RP Ubakus

Link pre-dimensioning fire
KLH REI 60

Fire protection
R*EI
60

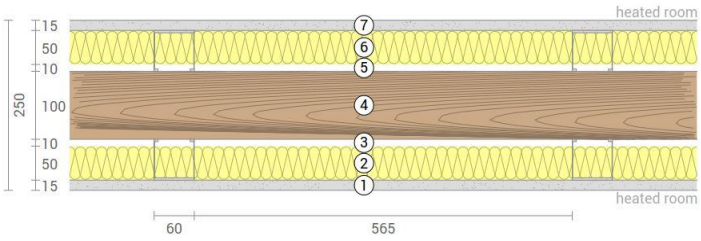
Thermal protection
W/(m²K)
0,36

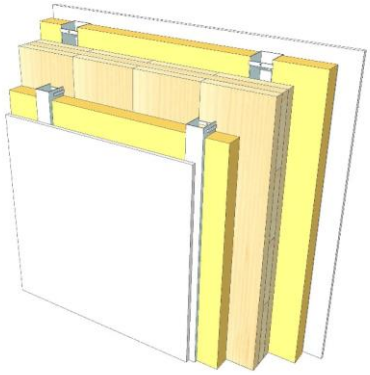
Sound insulation
dB
50

Ecology
kg CO2 eq./m²
-52

IW 07 FF

Interior wall / facing formwork both-sided





No	mm	Material
1	15	Gt-F board
2	60	Rock wool
3	50	CW-profile mounted elastically or free
4	100	KLH® - CLT
5	60	CW-profile mounted elastically or free
6	50	Rock wool
7	15	Gt-F board

R*EI	(fire attack on both sides)
90	minutes

U-Value	
0,30	W/(m²K)

Rw	
52	(-4;-11) dB

Thickness	
250	mm

Mass per squaremeter	
78	kg/m²

Global warming potential	
-48	kg CO_2 eq./m²

Primary energy (n. renewable)	
106	kWh/m²

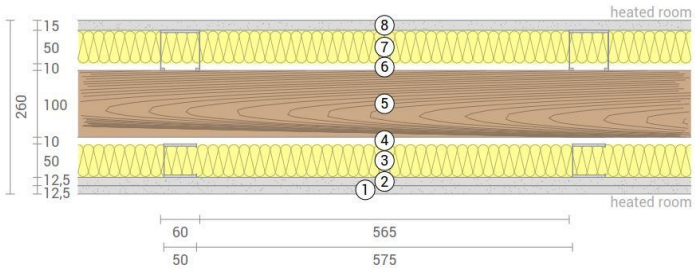
Link Ubakus
IW 07 FF Ubakus

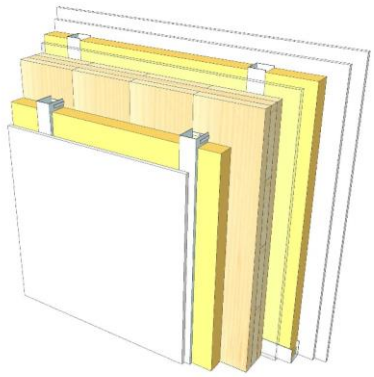
Link pre-dimensioning fire
KLH REI 90

Fire protection R*EI	Thermal protection W/(m²K)	Sound insulation dB	Ecology kg CO2 eq./m²
90	0,30	52	-48

IW 07 FF2

Interior wall / facing formwork
Self-supporting formwork





No	mm	Material
1	12,5	Gt-F board
2	12,5	Gt-F board
3	50	CW-profile self supporting, rock wool
4	10	Air gap
5	100	KLH® - CLT
6	60	CW-profile mounted elastically or free
7	50	Rock wool
8	15	Gt-F board

R*EI	(fire attack on both sides)
90	minutes

U-Value	
0,29	W/(m²K)

Rw	
62	(-5;-12) dB

Thickness	
260	mm

Mass per squaremeter	
85	kg/m²

Global warming potential	
-48	kg CO_2 eq./m²

Primary energy (n. renewable)	
111	kWh/m²

Link Ubakus
IW 07 FF2 Ubakus

Link pre-dimensioning fire
KLH REI 90

Fire protection R*EI	Thermal protection W/(m²K)	Sound insulation dB	Ecology kg CO2 eq./m²
90	0,29	62	-48