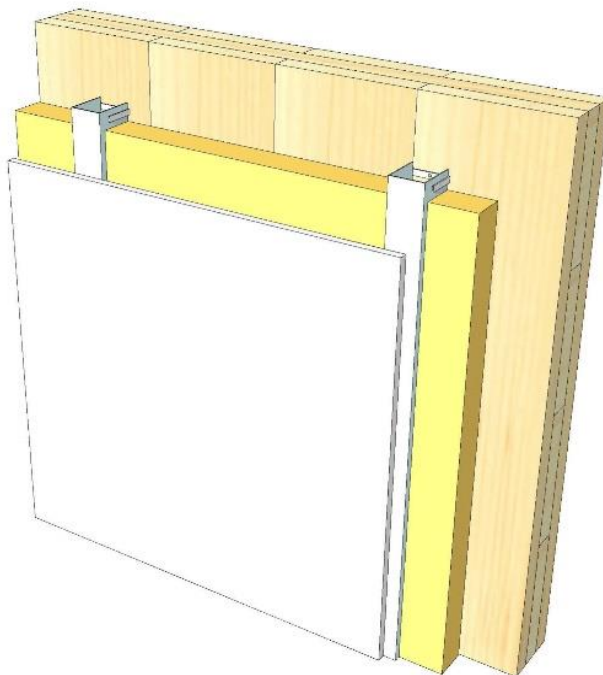


IW 07

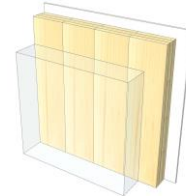
Facing formwork CW-profiles



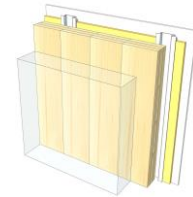
KLH® Visible



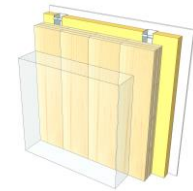
+ G



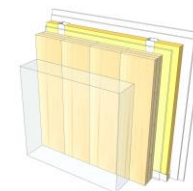
+ RP



+ FF



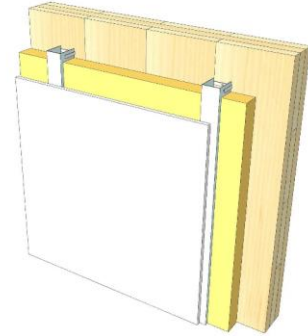
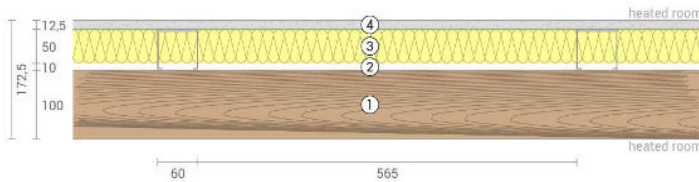
+ FF free / 2*G



	KLH® Visible	+ G	+ RP	+ FF	+ FF free / 2*G
Sound R_w [dB]	47	48	50	52	62
Thermal U [W/m^2K]	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 [$kg\ CO_2\ eq./m^2$]	-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](#)

Fire protection
 R*EI
30

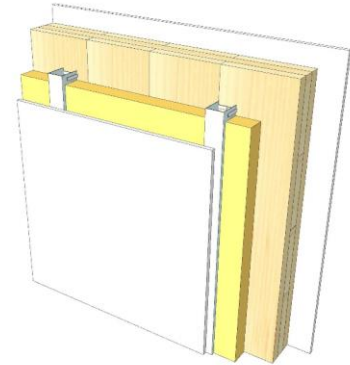
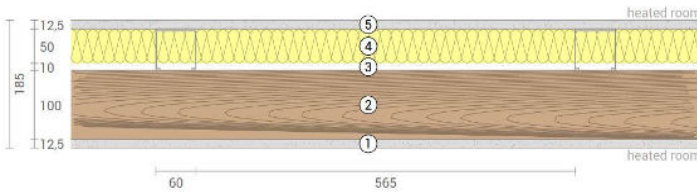
Thermal protection
 W/(m²K)
0,45

Sound insulation
 dB
47

Ecology
 kg CO₂eq./m²
-58

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
60

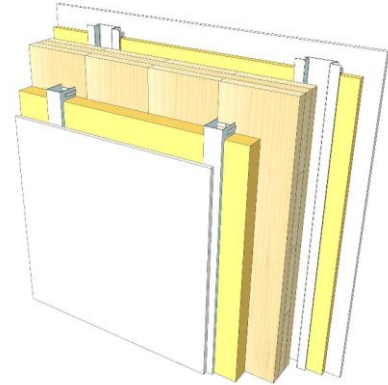
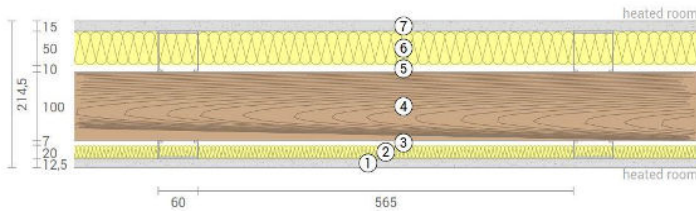
Thermal protection
W/(m²K)
0,44

Sound insulation
dB
48

Ecology
kg CO₂eq./m²
-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

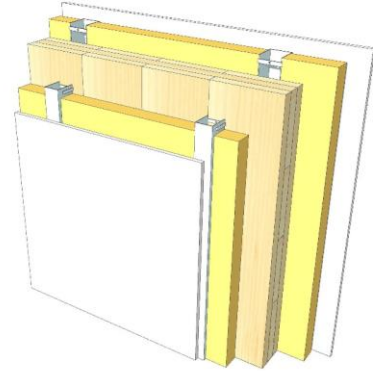
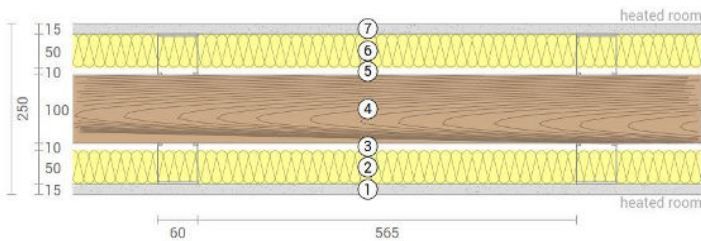
Thermal protection
W/(m²K)
0,36

Sound insulation
dB
50

Ecology
kg CO₂eq./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
90




Thermal protection
W/(m²K)
0,30



Sound insulation
dB
52

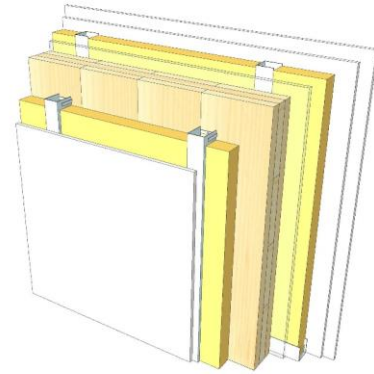
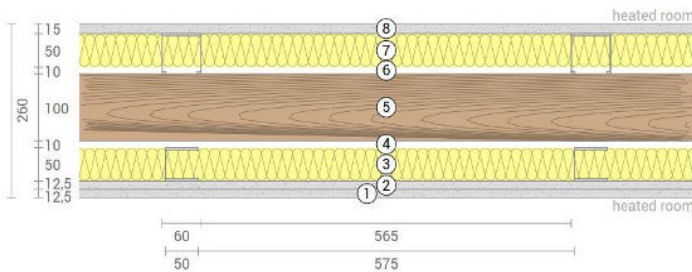


Ecology
kg CO₂ eq./m²
-48



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
90

Thermal protection
W/(m²K)
0,29

Sound insulation
dB
62

Ecology
kg CO₂eq./m²
-48