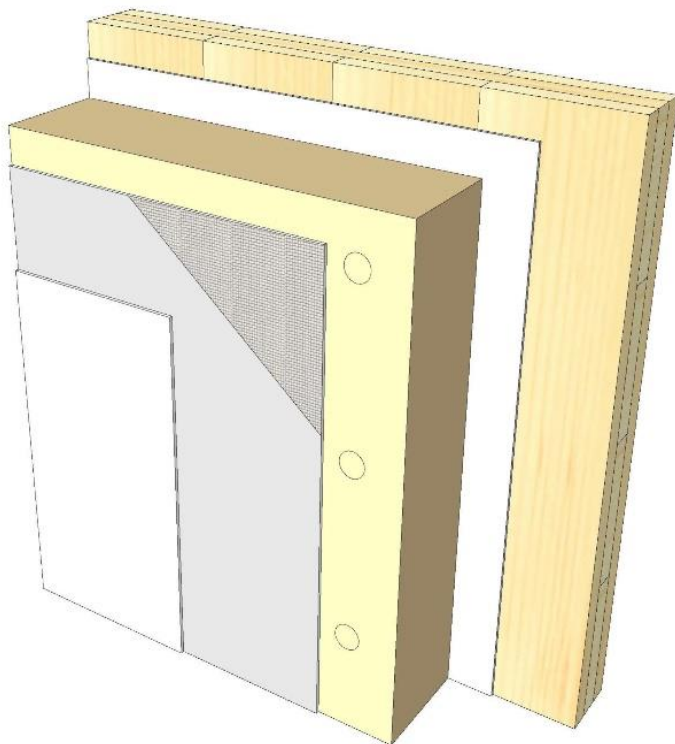
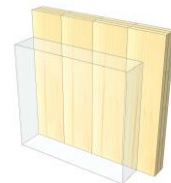


AW 06

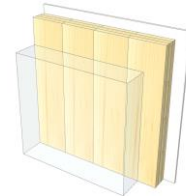
ETICS - Wood fiber



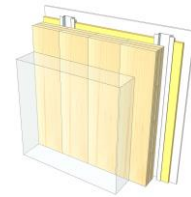
KLH® Visible



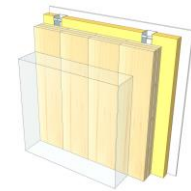
+ G



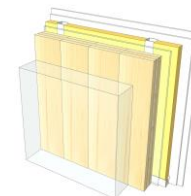
+ RP



+ FF



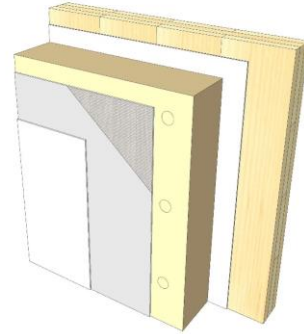
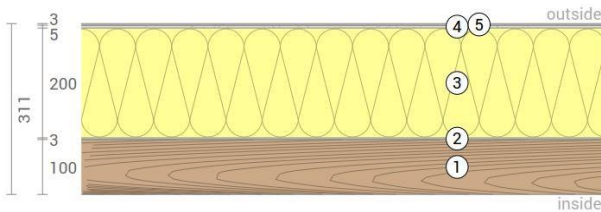
+ FF free / 2*G



	KLH® Visible	+ G	+ RP	+ FF	+ FF free / 2*G
Sound Rw [dB]	39	40	45	48	59
Thermal U [W/m²K]	0,17	0,17	0,16	0,14	0,14
Fire R*EI [min]	30	60	60	90	90
Thickness [mm]	311	324	351	386	396
Ecology [kg CO ₂ eq./m²]	-94	-91	-88	-84	-84

AW 06 V

Exterior wall / ETICS - wood fiber



No	mm	Material
1	100	KLH® - CLT
2	3	Adhesive
3	200	Wood fiber insulation ($s' \leq 10 \text{ MN/m}^3$)
4	5	Reinforcing mortar with fibernet
5	3	Plaster finish

R*EI (fire attack on one side)
30 minutes

U-Value
0,17 W/(m²K)

Rw
39 (-1;-6) dB

Thickness
311 mm
Mass per squaremeter
92 kg/m²

Global warming potential
-94 kg CO ₂ eq./m²
Primary energy (n. renewable)
131 kWh/m²

Link Ubakus
[AW 06 V Ubakus](#)

Link pre-dimensioning fire
[KLH REI 30](#)

Fire resistance
R*EI
30

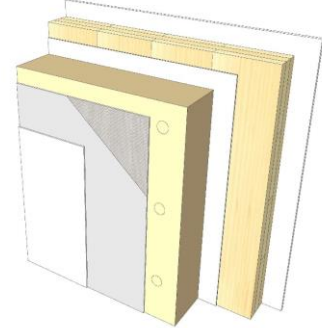
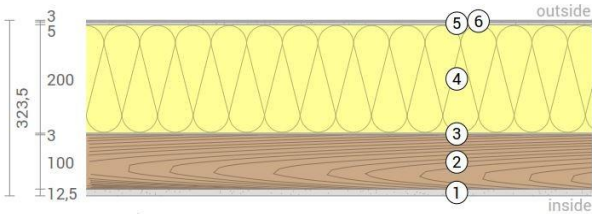
Thermal protection
W/(m²K)
0,17

Sound insulation
dB
39

Ecology
kg CO₂ eq./m²
-94

AW 06 G

Exterior wall / ETICS - wood fiber
Cladded



No	mm	Material
1	12,5	Gt-F board
2	100	KLH® - CLT
3	3	Adhesive
4	200	Wood fiber insulation ($s' \leq 10 \text{ MN/m}^3$)
5	5	Reinforcing mortar with fibernet
6	3	Plaster finish

R*EI (fire attack on one side)
60 minutes

U-Value
0,17 W/(m²K)

Rw
40 (-1;-6) dB

Thickness
324 mm
Mass per squaremeter
102 kg/m²

Global warming potential
-91 kg CO ₂ eq./m²
Primary energy (n. renewable)
142 kWh/m²

Link Ubakus
[AW 06 G Ubakus](#)

Link pre-dimensioning fire
[KLH REI 60](#)

Fire resistance
R*EI
60

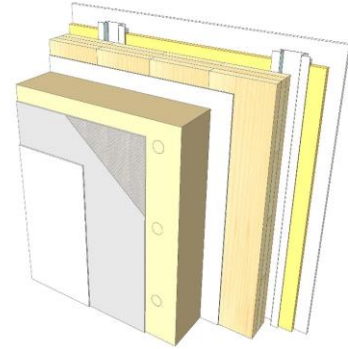
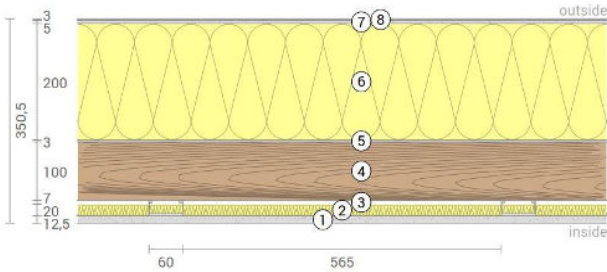
Thermal protection
W/(m²K)
0,17

Sound insulation
dB
40

Ecology
kg CO₂eq./m²
-91

AW 06 RP

Exterior wall / ETICS - wood fiber
Resilient profiles



No	mm	Material
1	12,5	Gt-F board
2	20	Mineral wool
3	27	Resilient profiles
4	100	KLH® - CLT
5	3	Adhesive
6	200	Wood fiber insulation ($s' \leq 10 \text{ MN/m}^3$)
7	5	Reinforcing mortar with fibernet
8	3	Plaster finish

R*EI (fire attack on one side)
60 minutes

U-Value
0,16 W/(m²K)

Rw
45 (-3;-10) dB

Thickness
351 mm
Mass per squaremeter
104 kg/m²

Global warming potential
-88 kg CO ₂ eq./m²
Primary energy (n. renewable)
153 kWh/m²

Link Ubakus
[AW 06 RP Ubakus](#)

Link pre-dimensioning fire
[KLH REI 60](#)

Fire resistance
R*EI
60

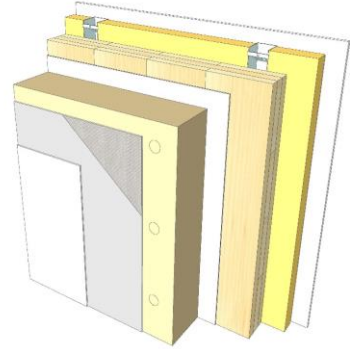
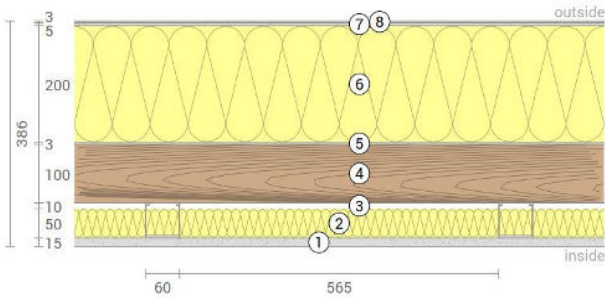
Thermal protection
W/(m²K)
0,16

Sound insulation
dB
45

Ecology
kg CO₂eq./m²
-88

AW 06 FF

Exterior wall / ETICS - wood fiber
Facing formwork



No	mm	Material
1	15	Gt-F board
2	50	Rock wool
3	60	CW-profile mounted elastically or free
4	100	KLH® - CLT
5	3	Adhesive
6	200	Wood fiber insulation ($s' \leq 10 \text{ MN/m}^3$)
7	5	Reinforcing mortar with fibernet
8	3	Plaster finish

R*EI (fire attack on one side)
90 minutes

U-Value
0,14 W/(m ² K)

Rw
48 (-4;11) dB

Thickness
386 mm
Mass per squaremeter
108 kg/m ²

Global warming potential
-84 kg CO ₂ eq./m ²
Primary energy (n. renewable)
165 kWh/m ²

Link Ubakus
[AW 06 FF Ubakus](#)

Link pre-dimensioning fire
[KLH REI 90](#)

Fire resistance
R*EI
90

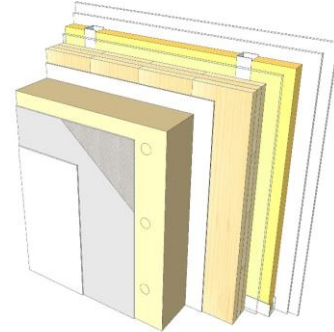
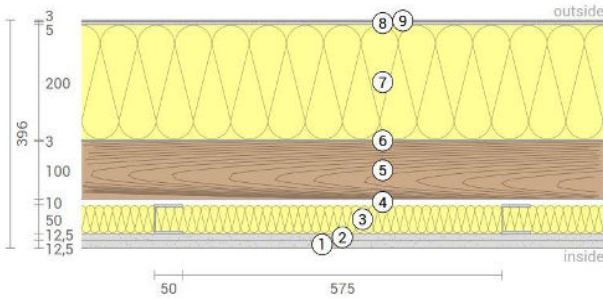
Thermal protection
W/(m²K)
0,14

Sound insulation
dB
48

Ecology
kg CO₂eq./m²
-84

AW 06 FF2

Exterior wall / ETICS - wood fiber
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	3	Adhesive
7	200	Wood fiber insulation ($s' \leq 10 \text{ MN/m}^3$)
8	5	Reinforcing mortar with fibernet
9	3	Plaster finish

R*EI (fire attack on one side)
90 minutes

U-Value
0,14 W/(m ² K)

Rw
59 (-5;-12 dB)

Thickness
396 mm
Mass per squaremeter
114 kg/m ²

Global warming potential
-84 kg CO ₂ eq./m ²
Primary energy (n. renewable)
169 kWh/m ²

Link Ubakus
[AW 06 FF2 Ubakus](#)

Link pre-dimensioning fire
[KLH REI 90](#)

Fire resistance
R*EI
90

Thermal protection
W/(m²K)
0,14

Sound insulation
dB
59

Ecology
kg CO₂ eq./m²
-84