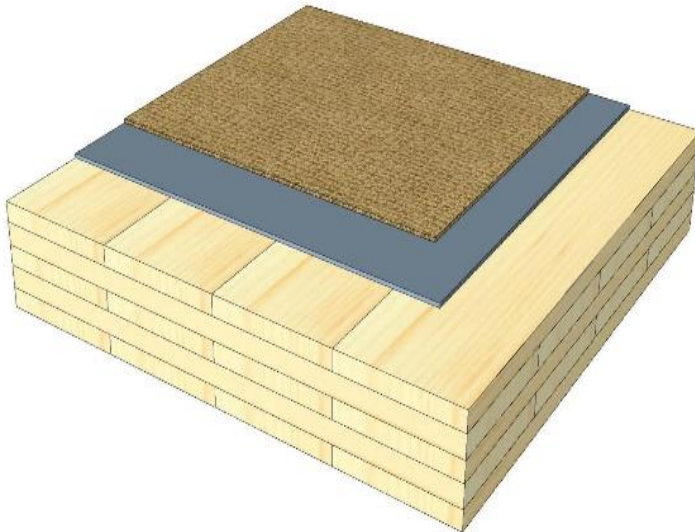
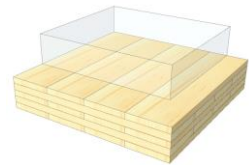
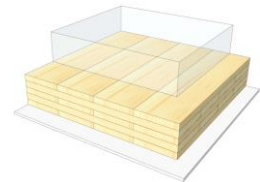
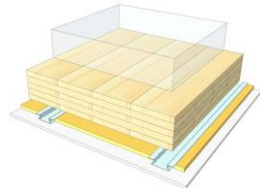
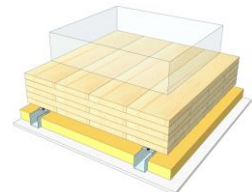
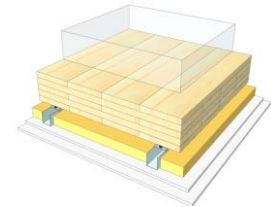


GD 09

Carpet floor


KLH® Visible

+ G

+ FS

+ SC

+ SC / 2*G


		KLH® Visible	+ G	+ RP	+ SC	+ SC / 2*G
Airborne Rw [dB]		35	36	45	55	57
Impact Ln,w [dB]		62	62	58	53	48
Thermal U [W/m²K]		0,56	0,54	0,43	0,35	0,35
Fire R*EI [min]		90	120	120	120	120
Thickness [mm]		175	188	215	250	260
Ecology [kg CO2 eq./m²]		-108	-106	-102	-99	-97

GD 09 V

Compartment floor / carpet floor



No	mm	Material
1	160	KLH® - CLT
2	15	Carpet floor

R*EI (fire attack from below)
90 minutes

U-Value
0,56 W/(m²K)

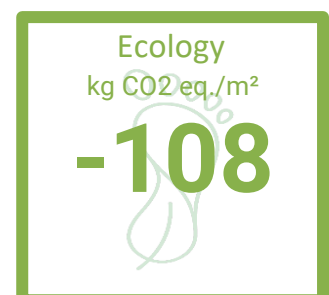
Rw
35 (-2;-3) dB
Lnw
62 (0) dB

Thickness
175 mm
Mass per squaremeter
78 kg/m²

Global warming potential
-108 kg CO ₂ eq./m²
Primary energy (n. renewable)
62 kWh/m²

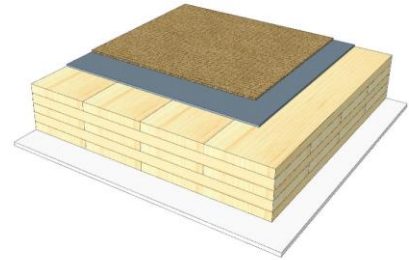
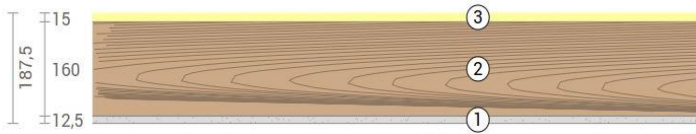
Link Ubakus
[GD 09 V Ubakus](#)

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



GD 09 G

Compartment floor / carpet floor, cladded



No	mm	Material
1	12,5	Gt-F board
2	160	KLH® - CLT
3	15	Carpet floor

R*EI (fire attack from below)

120 minutes

U-Value

0,54 W/(m²K)

Rw

36 (-2;-3) dB

Lnw

62 (0) dB

Thickness

188 mm

Mass per squaremeter

88 kg/m²

Global warming potential

-106 kg CO₂ eq./m²

Primary energy (n. renewable)

73 kWh/m²

Link Ubakus

[GD 09 G Ubakus](#)

Link pre-dimensioning fire

[KLH REI 120](#)

Fire resistance
R*EI

120

Thermal protection
W/(m²K)

0,54

Sound insulation
dB

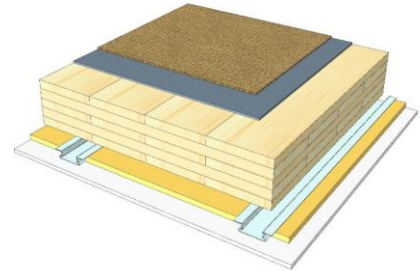
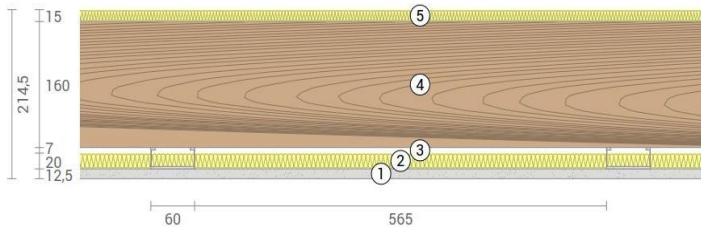
36

Ecology
kg CO₂ eq./m²

-106

GD 09 RP

Compartment floor / carpet floor
SC on resilient profiles



No	mm	Material
1	12,5	Gt-F board
2	20	Mineral wool
3	27	Resilient profile
4	160	KLH® - CLT
5	15	Carpet floor

R*EI (fire attack from below)

120 minutes

U-Value

0,43 W/(m²K)

Rw

45 (-4;-3) dB

Lnw

58 (1) dB

Thickness

215 mm

Mass per squaremeter

90 kg/m²

Global warming potential

-102 kg CO₂ eq./m²

Primary energy (n. renewable)

84 kWh/m²

Link Ubakus

[GD 09 RP Ubakus](#)

Link pre-dimensioning fire

[KLH REI 120](#)

Fire resistance

R*EI

120

Thermal protection

W/(m²K)

0,43

Sound insulation

dB

45

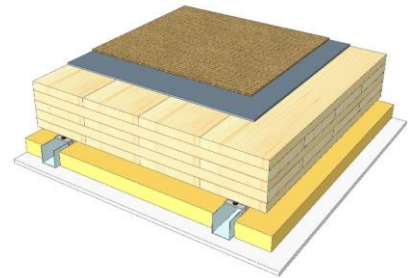
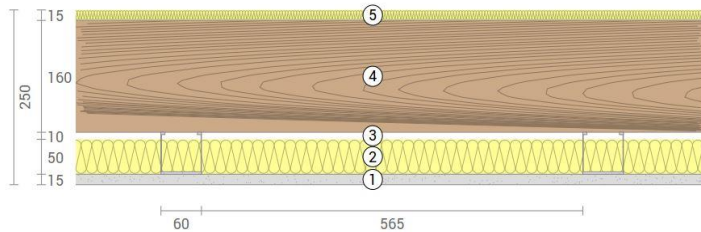
Ecology

kg CO₂ eq./m²

-102

GD 09 SC

Compartment floor / carpet floor
SC on CD-profiles



No	mm	Material
1	12,5	Gt-F board
2	50	Mineral wool
3	60	CD-profile
4	160	KLH® - CLT
5	15	Carpet floor

R*EI (fire attack from below)

120 minutes

U-Value

0,35 W/(m²K)

Rw

55 (-1;-6) dB

Lnw

53 (1) dB

Thickness

250 mm

Mass per squaremeter

93 kg/m²

Global warming potential

-99 kg CO₂ eq./m²

Primary energy (n. renewable)

94 kWh/m²

Link Ubakus

[GD 09 SC Ubakus](#)

Link pre-dimensioning fire

[KLH REI 120](#)

Fire resistance

R*EI

120

Thermal protection

W/(m²K)

0,35

Sound insulation

dB

55

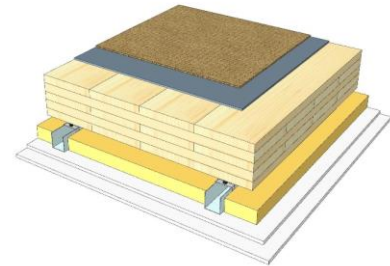
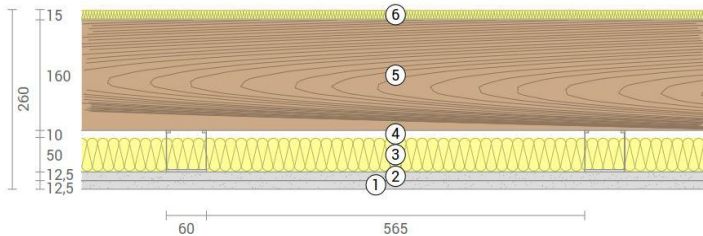
Ecology

kg CO₂ eq./m²

-99

GD 09 SC2

Compartment floor / carpet floor
SC on CD-profiles, resilient clips



No	mm	Material
1	12,5	Gt-F board
2	12,5	Gt-F board
3	50	Mineral wool
4	60	CD-profile on resilient clips
5	160	KLH® - CLT
6	15	Carpet floor

R*EI (fire attack from below)
120 minutes

U-Value
0,35 W/(m²K)

Rw
57 (-1;-5) dB
Lnw
48 (2) dB

Thickness
260 mm
Mass per squaremeter
101 kg/m²

Global warming potential
-97 kg CO ₂ eq./m²
Primary energy (n. renewable)
103 kWh/m²

Link Ubakus
[GD 09 SC2 Ubakus](#)

Link pre-dimensioning fire
[KLH REI 120](#)

Fire resistance
R*EI
120

Thermal protection
W/(m²K)
0,35

Sound insulation
dB
57

Ecology
kg CO₂ eq./m²
-97