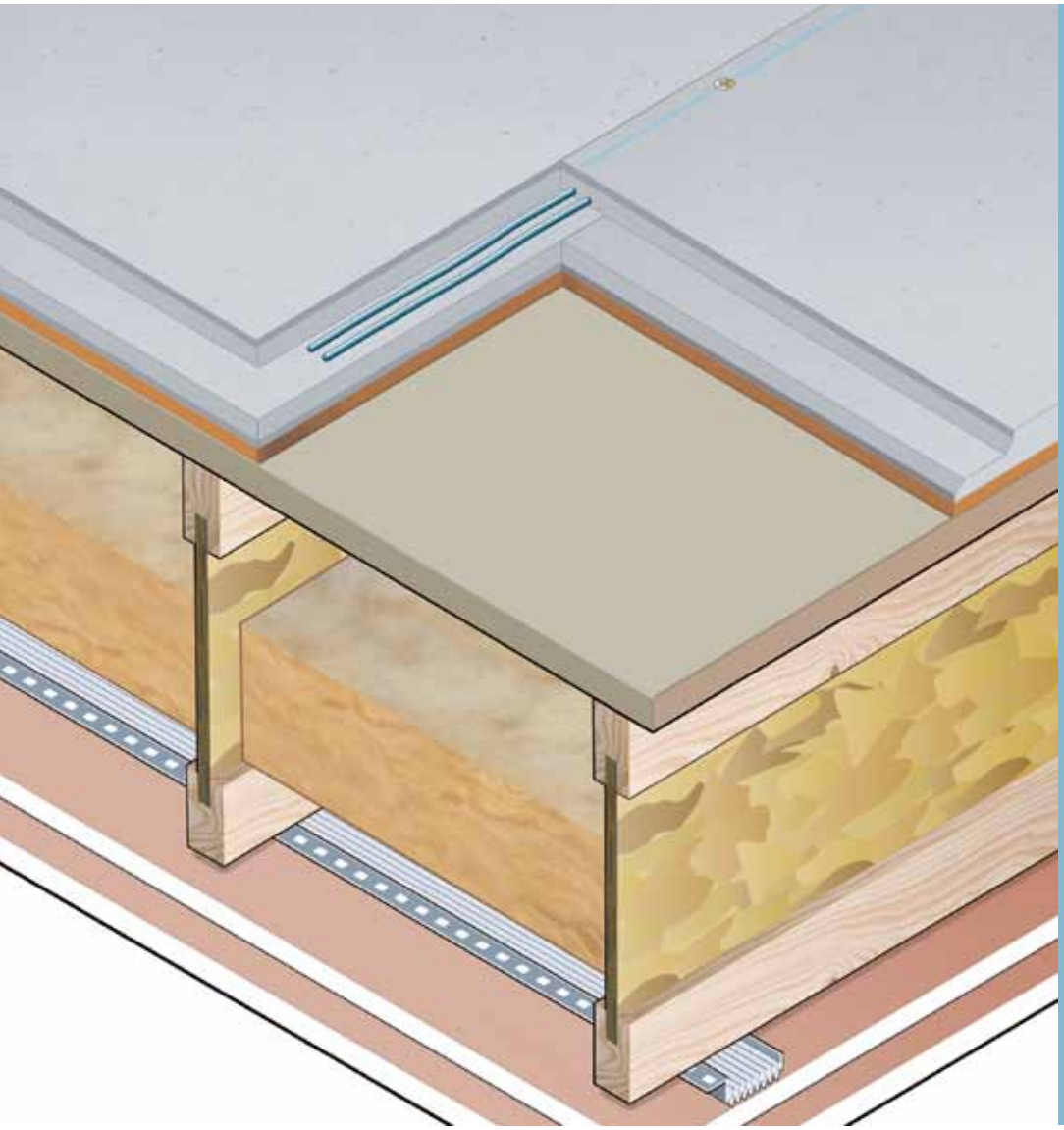


Data/Factsheets

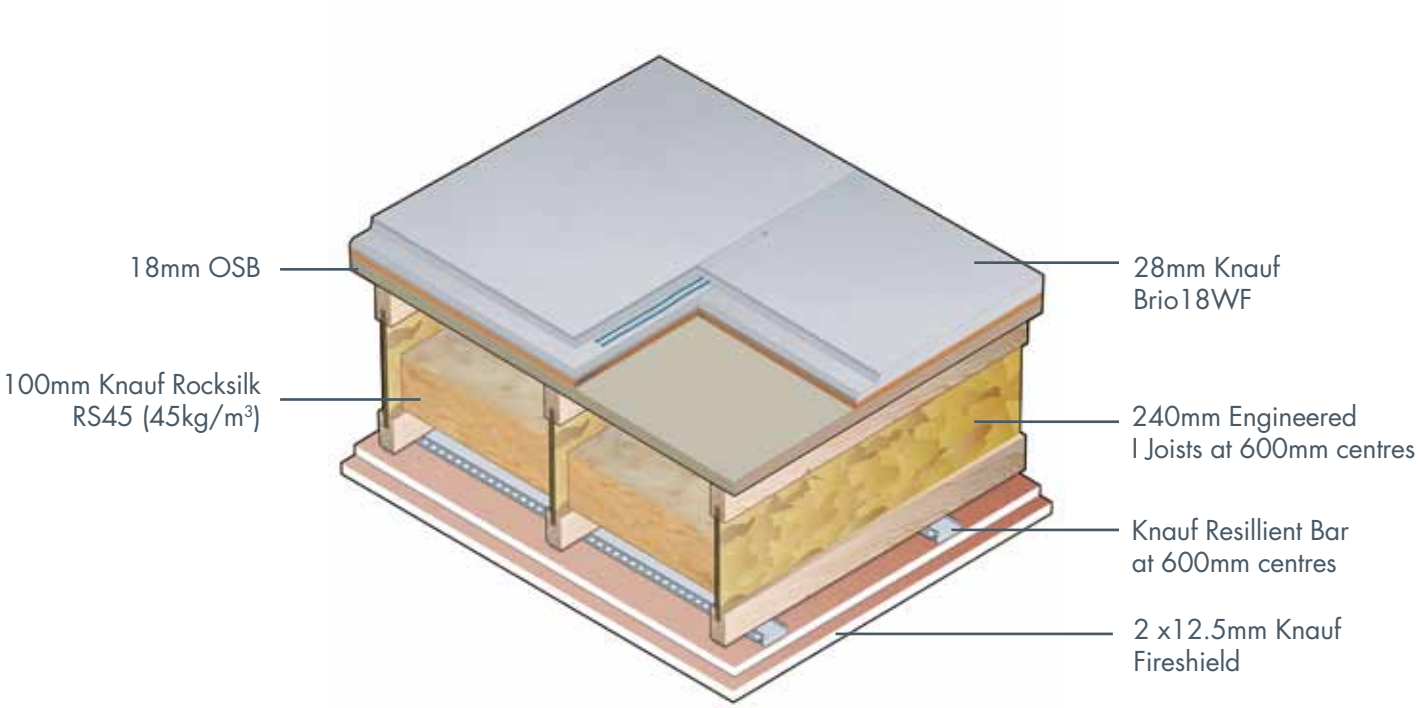
- Easy to install
- High impact resistance
- Dry application

Knauf Brio Performance Information

Improved acoustic performance and underfloor heating efficiency

Build for the world we live in

Brio dry screed panels glued and screwed creating a monolithic floor



Knauf Brio18WF installed as shown with can gain you additional credits towards achieving BREEAM 'outstanding' - for additional information contact Knauf Technical department.

System Acoustic Information

Airborne	60dB R_W
Impact	58dB $L_{n,w}$

Brio 18WF Fire Performance

From above	90mins
From below	60mins

Brio 18WF Thermal Performance

Thermal resistance	0.23m² K/W

Loading

Point Loading	2kN*
Area Loading	3kN/m²*

*Safety Factor of x2

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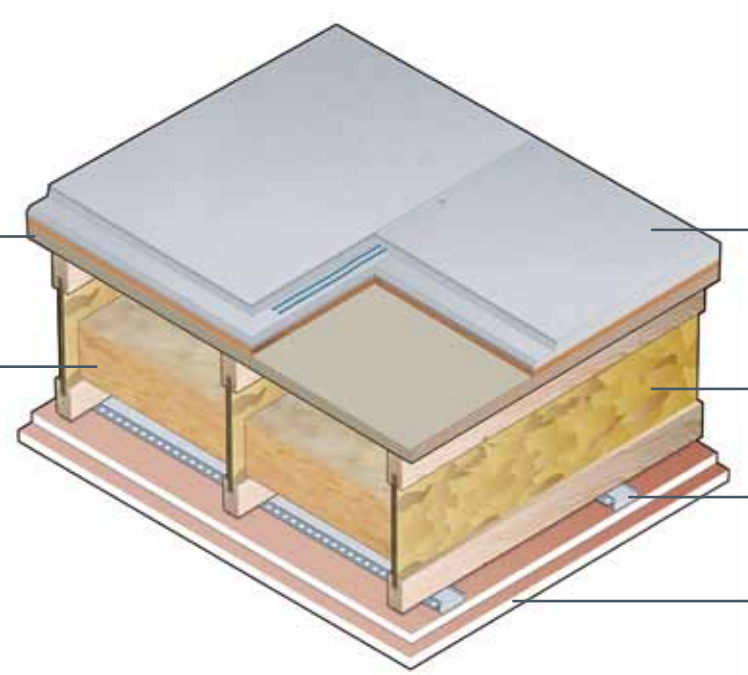
All loading data is tested in accordance with DIN 1055-3.

All fire performance data & building material classes are to EN 13501-1

Brio dry screed panels glued and screwed creating a monolithic floor



Knauf Brio18WF installed as shown can gain you additional credits towards achieving BREEAM 'outstanding' - for additional information contact Knauf Technical department.

System Acoustic Information

Airborne	60dB R_W
Impact	55dB $L_{n,w}$

Brio 18WF Fire Performance

From above	90mins
From below	60mins

Brio 18WF Thermal Performance

Thermal resistance	0.24m² K/W

Loading

Point Loading	3kN*
Area Loading	3kN/m²*

*Safety Factor of x2

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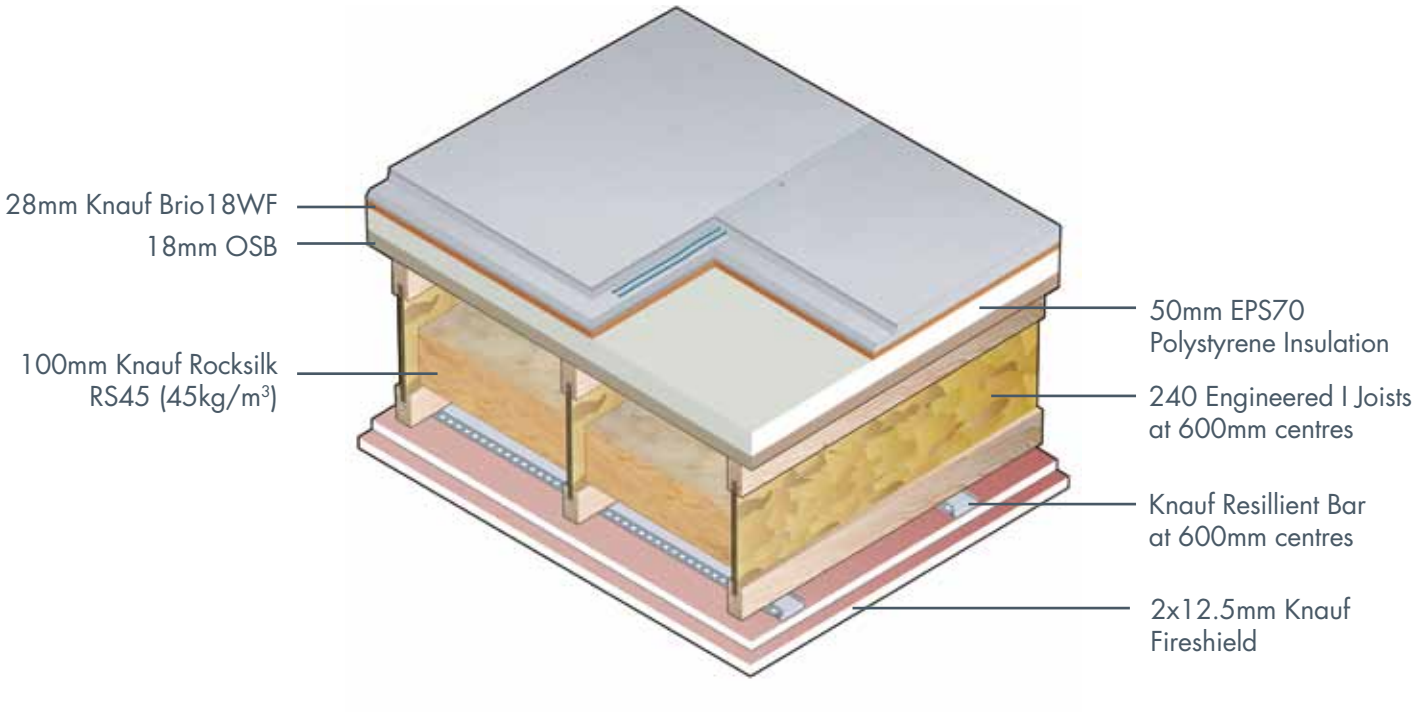
All loading data is tested in accordance with DIN 1055-3.

All fire performance data & building material classes are to EN 13501-1

Brio dry screed panels glued and screwed creating a monolithic floor



Brio 18WF installed as shown with GWP EPS70 insulation can gain you additional credits towards achieving BREEAM 'outstanding' - for additional information contact Knauf Technical department.

System Acoustic Information

Airborne	61dB R_W
Impact	55dB $L_{n,w}$

Brio 18WF Fire Performance

From above	90mins
From below	60mins

Brio 18WF Thermal Performance

Thermal resistance	0.23m² K/W

Loading

Point Loading	2kN*
Area Loading	3kN/m²*

*Safety Factor of x2

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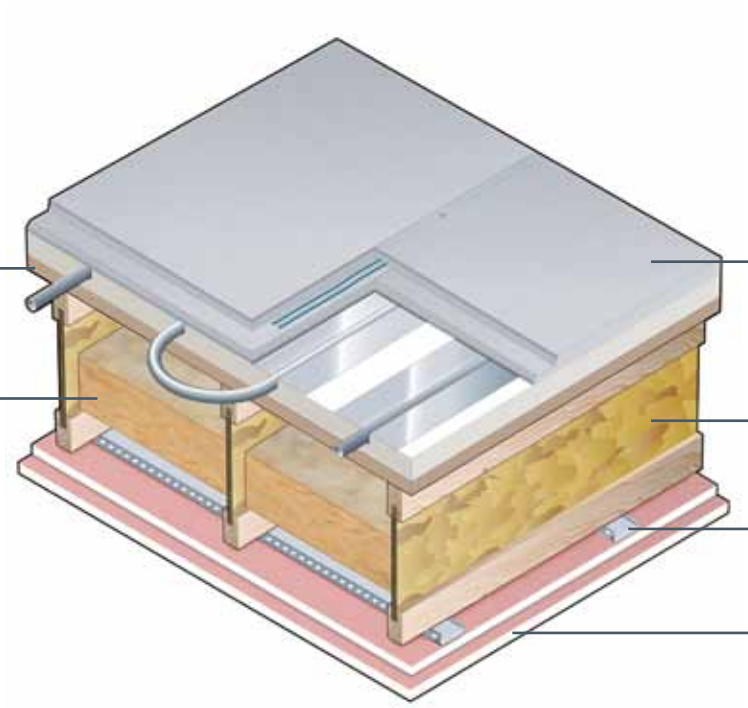
All loading data is tested in accordance with DIN 1055-3.

All fire performance data & building material classes are to EN 13501-1

Brio dry screed panels glued and screwed creating a monolithic floor



Knauf Brio 23 installed as shown with can gain you additional credits towards achieving BREEAM 'outstanding' - for additional information contact Knauf Technical department.

System Acoustic Information

Airborne	61dB R_W
Impact	55dB $L_{n,w}$

Brio 23 Fire Performance

From above	60mins
From below	60mins

Brio 23 Thermal Performance

Thermal conductivity λ_s = 0.38 W/mK	
Thermal resistance	0.06m² K/W

Loading

Point Loading	3kN*
Area Loading	3kN/m²*

*Safety Factor of x2

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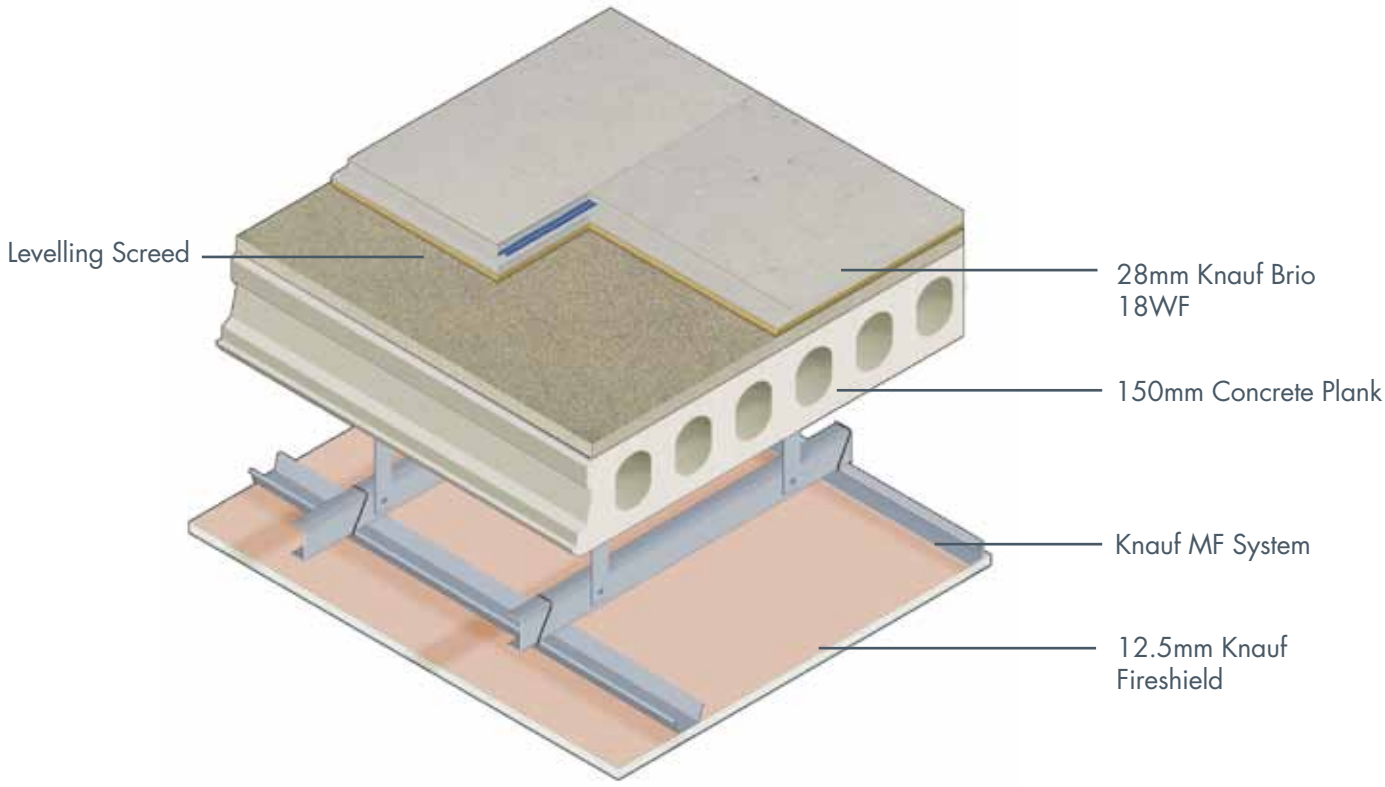
All loading data is tested in accordance with DIN 1055-3.

All fire performance data & building material classes are to EN 13501-1

Brio dry screed panels glued and screwed creating a monolithic floor



Brio18WF installed as shown can gain you additional credits towards achieving BREEAM 'outstanding' - for additional information contact Knauf Technical department.

System Acoustic Information

Airborne	59dB R_W
Impact	55dB $L_{n,w}$

Brio 18WF Fire Performance

From above	90mins
From below	30mins

Brio 18WF Thermal Performance

Thermal resistance	0.23m² K/W

Loading

Point Loading	2kN*
Area Loading	3kN/m²*

*Safety Factor of x2

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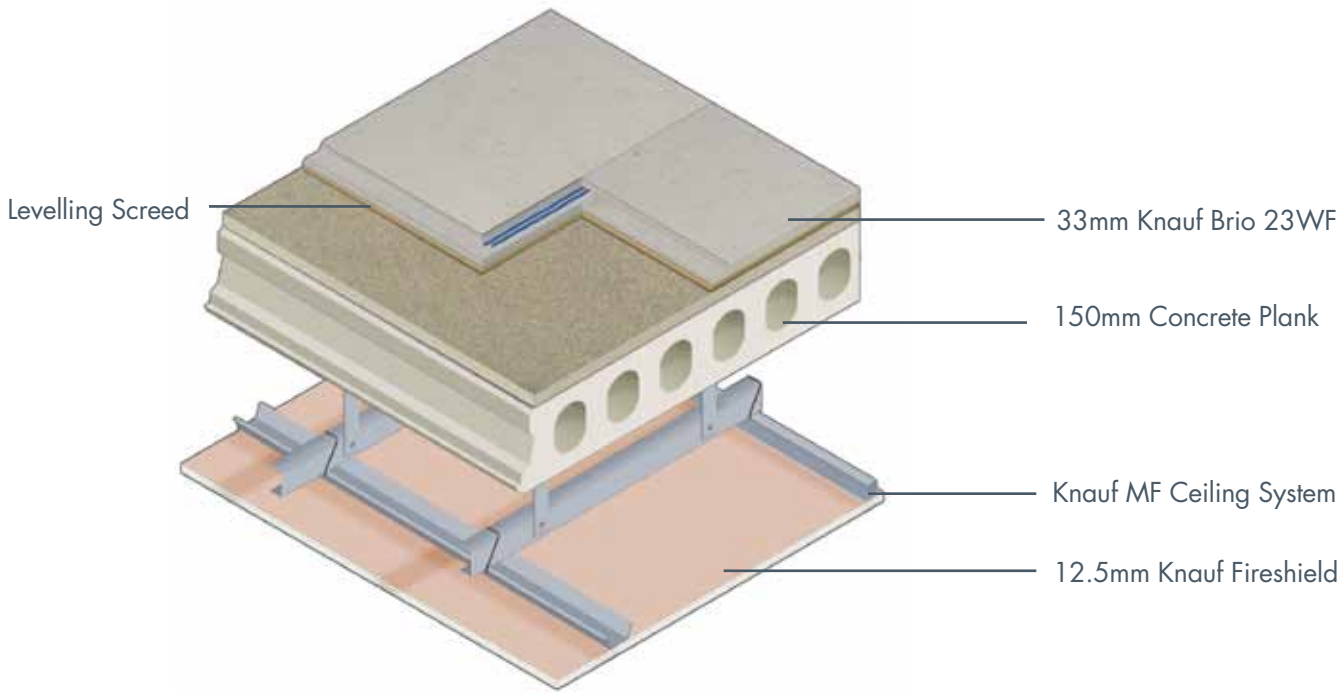
All loading data is tested in accordance with DIN 1055-3.

All fire performance data & building material classes are to EN 13501-1

Brio dry screed panels glued and screwed creating a monolithic floor



Knauf Brio 23WF installed as shown can gain you additional credits towards achieving BREEAM 'outstanding' - for additional information contact Knauf Technical department.

System Acoustic Information

Airborne	59dB R^W
Impact	54dB $L_{n,w}$

Brio 23WF Fire Performance

From above	90mins
From below	30mins

Brio 23WF Thermal Performance

Thermal resistance	0.24m^2 K/W

Loading

Point Loading	3kN*
Area Loading	3kN/m^2*

*Safety Factor of x2

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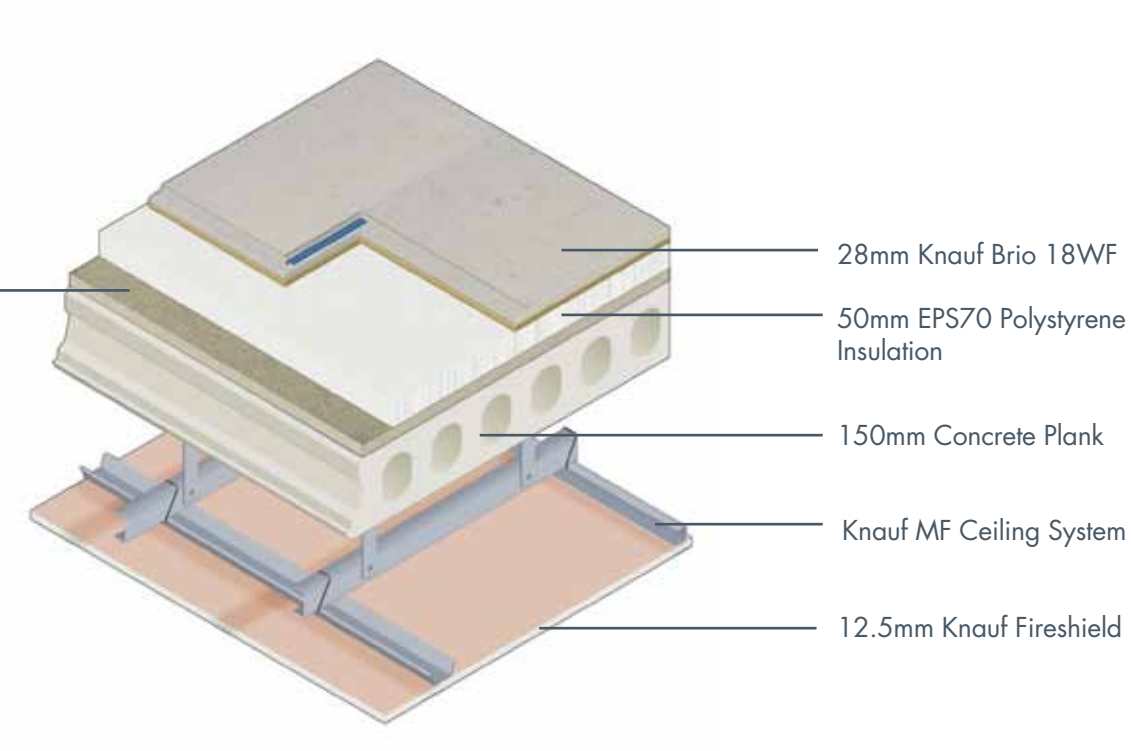
All loading data is tested in accordance with DIN 1055-3.

All fire performance data & building material classes are to EN 13501-1

Brio dry screed panels glued and screwed creating a monolithic floor



Brio23 installed as shown can gain you additional credits towards achieving BREEAM 'outstanding' - for additional information contact Knauf Technical department.

System Acoustic Information

Airborne	59dB R_W
Impact	54dB $L_{n,w}$

Brio 23 Fire Performance

From above	90mins
From below	30mins

Brio 23 Thermal Performance

Thermal resistance	0.24m² K/W

Loading

Point Loading	2kN*
Area Loading	3kN/m³*

*Safety Factor of x2

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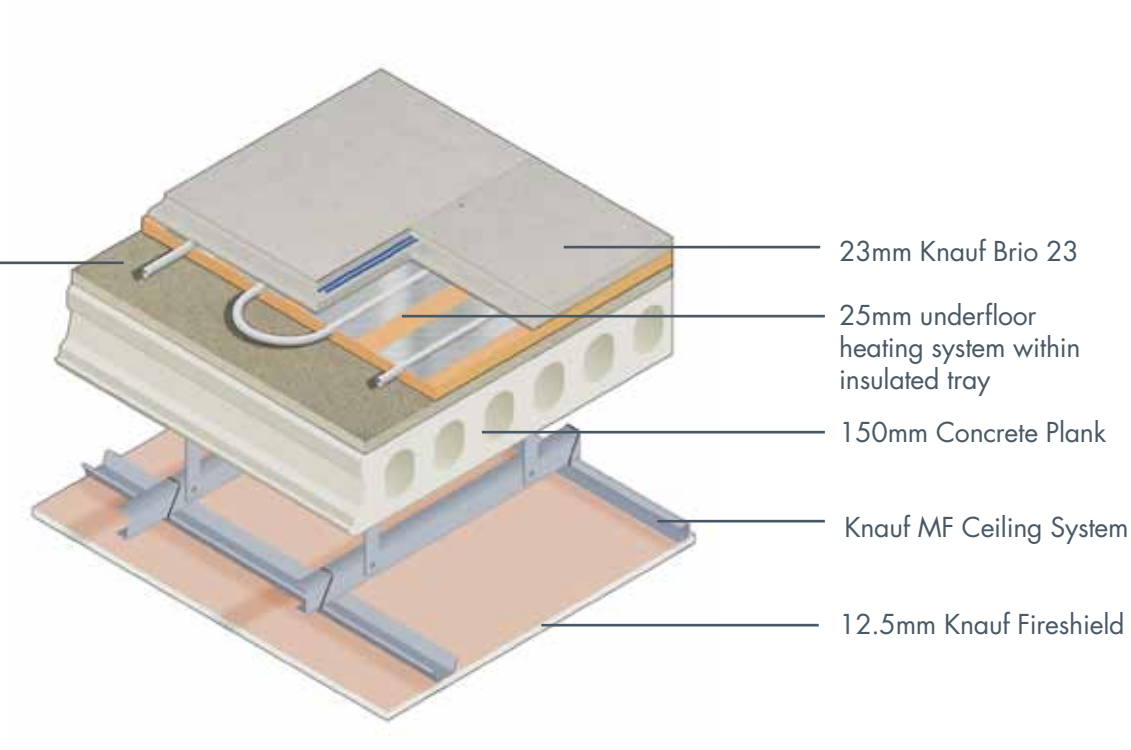
All loading data is tested in accordance with DIN 1055-3.

All fire performance data & building material classes are to EN 13501-1

Brio dry screed panels glued and screwed creating a monolithic floor



Knauf Brio 23 installed as shown can gain you additional credits towards achieving BREEAM 'outstanding' - for additional information contact Knauf Technical department.

System Acoustic Information

Airborne	58dB R_W
Impact	55dB $L_{n,w}$

Brio 23 Fire Performance

From above	60mins
From below	30mins

Brio 23 Thermal Performance

Conductivity	λ_R = 0.38 W/mK
Thermal resistance	0.06m² K/W

Loading

Point Loading	3kN*
Area Loading	3kN/m³*

*Safety Factor of x2

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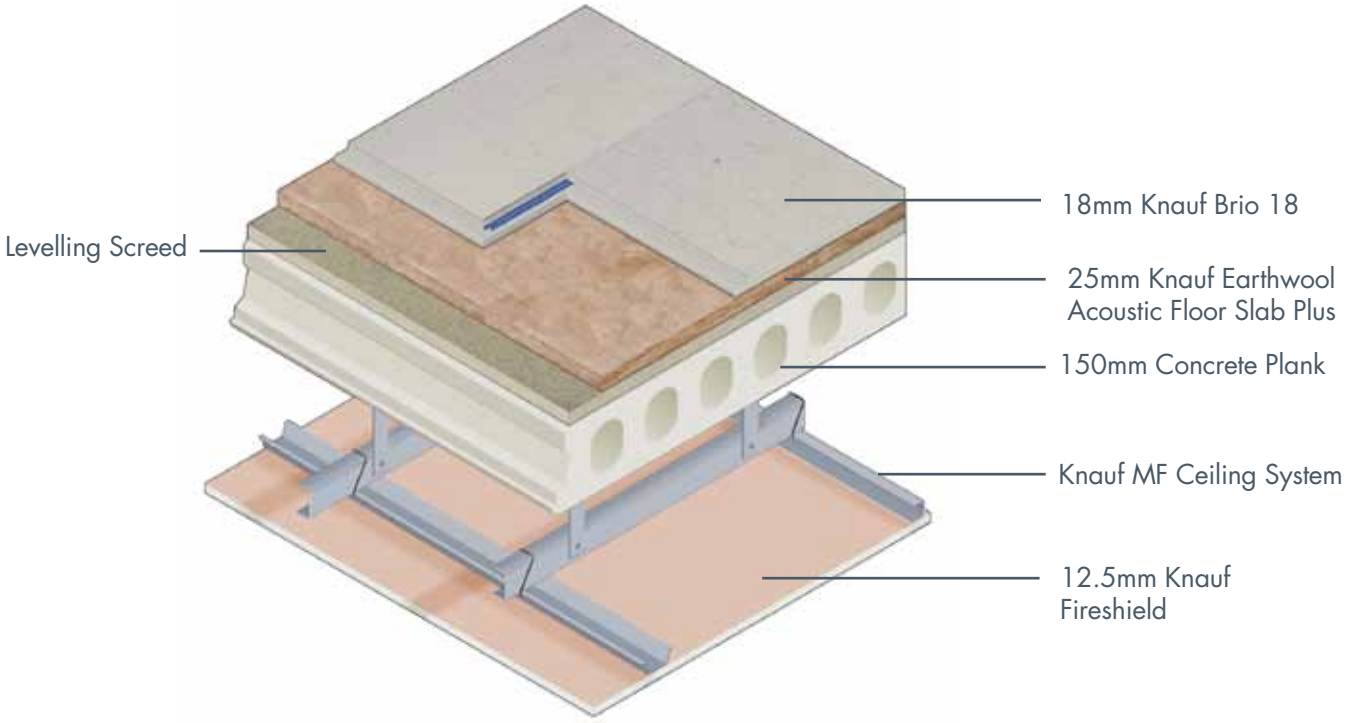
All loading data is tested in accordance with DIN 1055-3.

All fire performance data & building material classes are to EN 13501-1

Brio dry screed panels glued and screwed creating a monolithic floor



Brio18 installed as shown can gain you additional credits towards achieving BREEAM 'outstanding' - for additional information contact Knauf Technical department.

System Acoustic Information

Airborne	60dB R_W
Impact	48dB $L_{n,w}$

Brio 18 Fire Performance

From above	30mins
From below	30mins

Brio 18 Thermal Performance

Thermal resistance	0.06m² K/W

Loading

Point Loading	2kN*
Area Loading	3kN/m²*

*Safety Factor of x2

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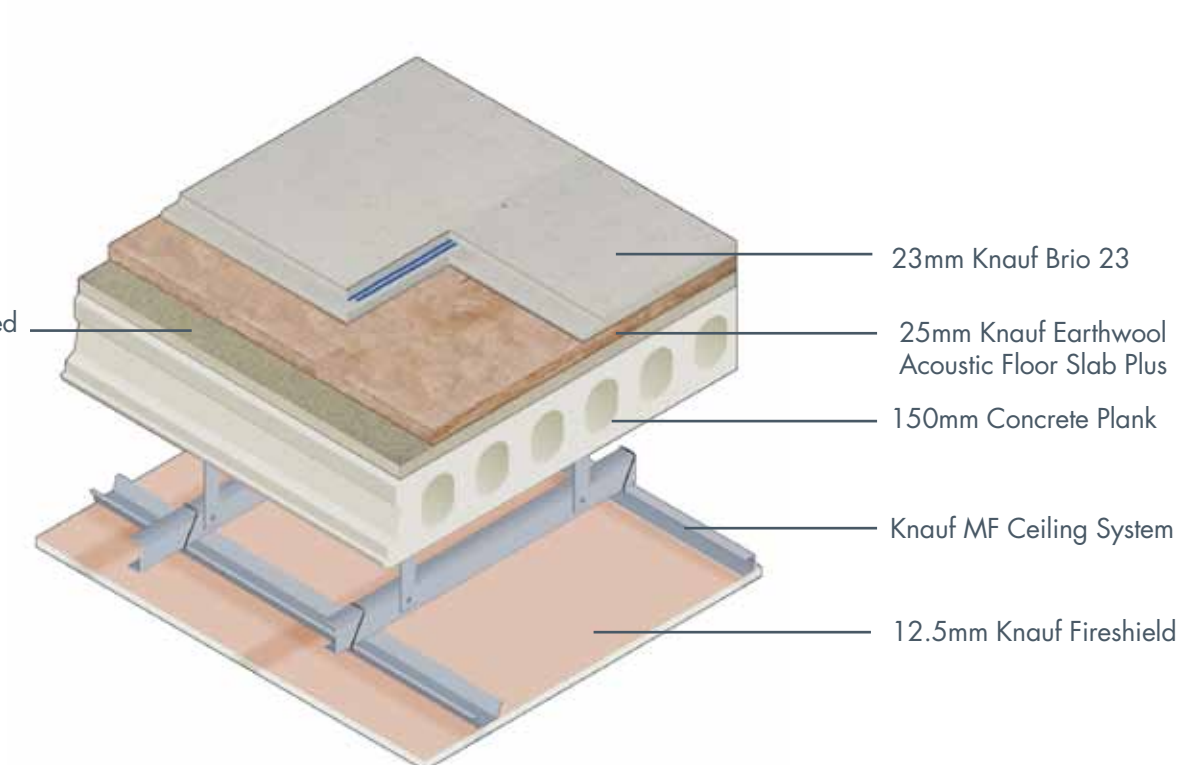
All loading data is tested in accordance with DIN 1055-3.

All fire performance data & building material classes are to EN 13501-1

Brio dry screed panels glued and screwed creating a monolithic floor



Brio23 installed as shown can gain you additional credits towards achieving BREEAM 'outstanding' - for additional information contact Knauf Technical department.

System Acoustic Information

Airborne	60dB RW
Impact	47dB $L_{n,w}$

Brio 23 Fire Performance

From above	60mins
From below	30mins

Brio 23 Thermal Performance

Thermal resistance	0.24m² K/W

Loading

Point Loading	3kN*
Area Loading	3kN/m²*

*Safety Factor of x2

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All loading data is tested in accordance with DIN 1055-3.

All fire performance data & building material classes are to EN 13501-1