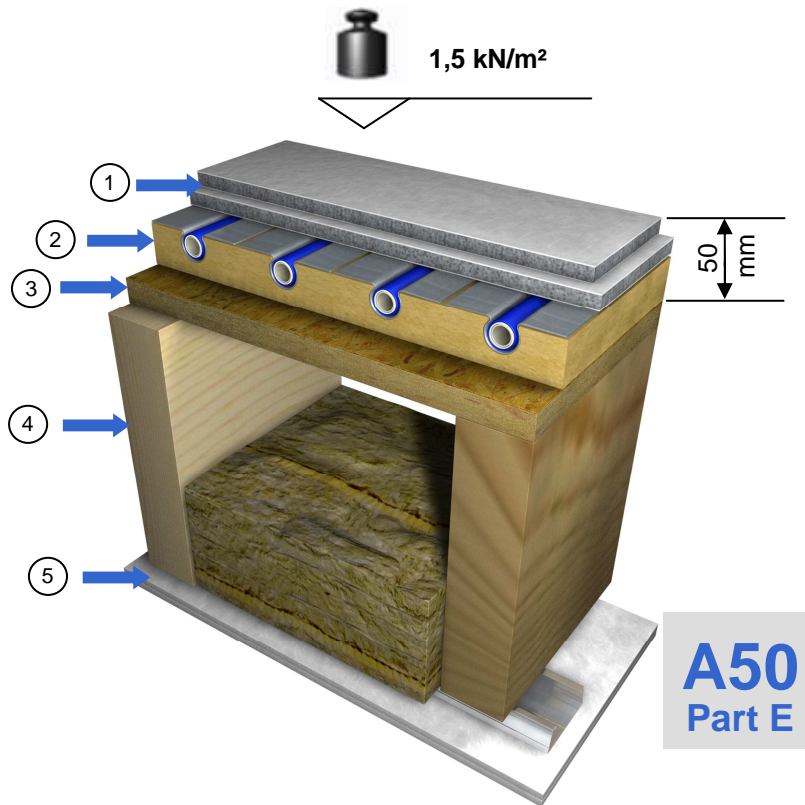


Fermacell on IDEAL ECO

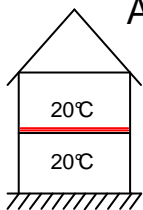


- 20mm Fermacell 2E11 (1)
- JUPITER IDEAL ECO 30mm wood fibre 140 kPa (2)
- Floor deck (3)
- 240mm x 60mm floor joist (4)
- Protaktor TPS 25 acoustic ceiling hanger on 2 x 10mm Fermacell boards (5)

A50
Part E

| Construction data | | | Remarks |
|---|---|-----------|---|
| Construction height | mm | 50 | Height without floor finish |
| Weight | kg/m ² | 34 | |
| Thermal resistance R | m ² K/W | 0,75 | Without mineral wool |
| Heat exchange coefficient | W/m ² K | 1,09 | |
| System element insulation Wood fibre 140 kPa | mm | 30 | Jupiter system elements carry up to 5,0 kN/m ² |
| Design load | kN/m ² | 2,0 | For higher design loads use 25mm Fermacell 2E22, Max. point load 2,0 kN |
| Point load | kN | 1,5 | |
| Impact sound reduction | dB | see below | |
| Suitable floor finishes | Carpet, tiles, engineered board, laminates, vinyl | | |
| Additional information | A50 Part E compliant acoustic solution. Airborne sound 56dB (≥ 45 dB required) Impact sound 48dB (≤ 62dB required) Full test data available upon request | | |

Construction A50



Area of application:
 Floors with rooms of equal temperature above & below
 $R_{min} = 0,75 \text{ m}^2\text{K/W}$

JUPITER

