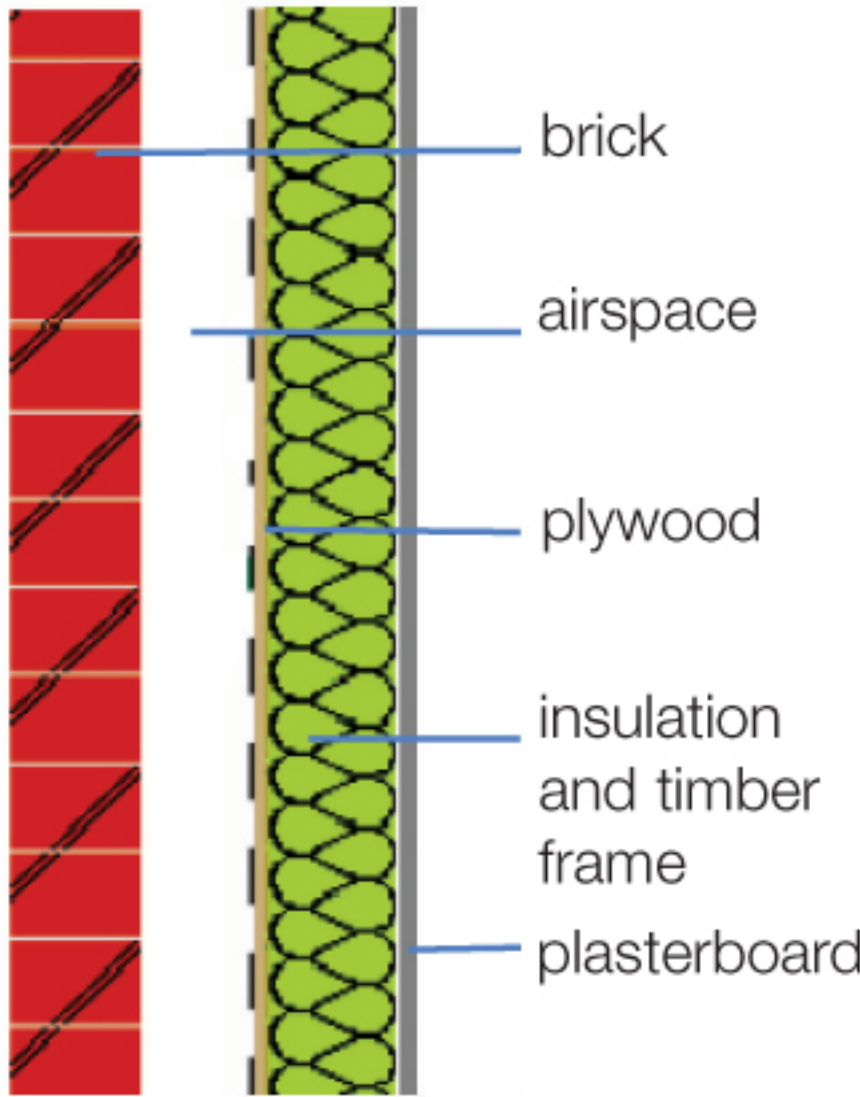


### Timber frame

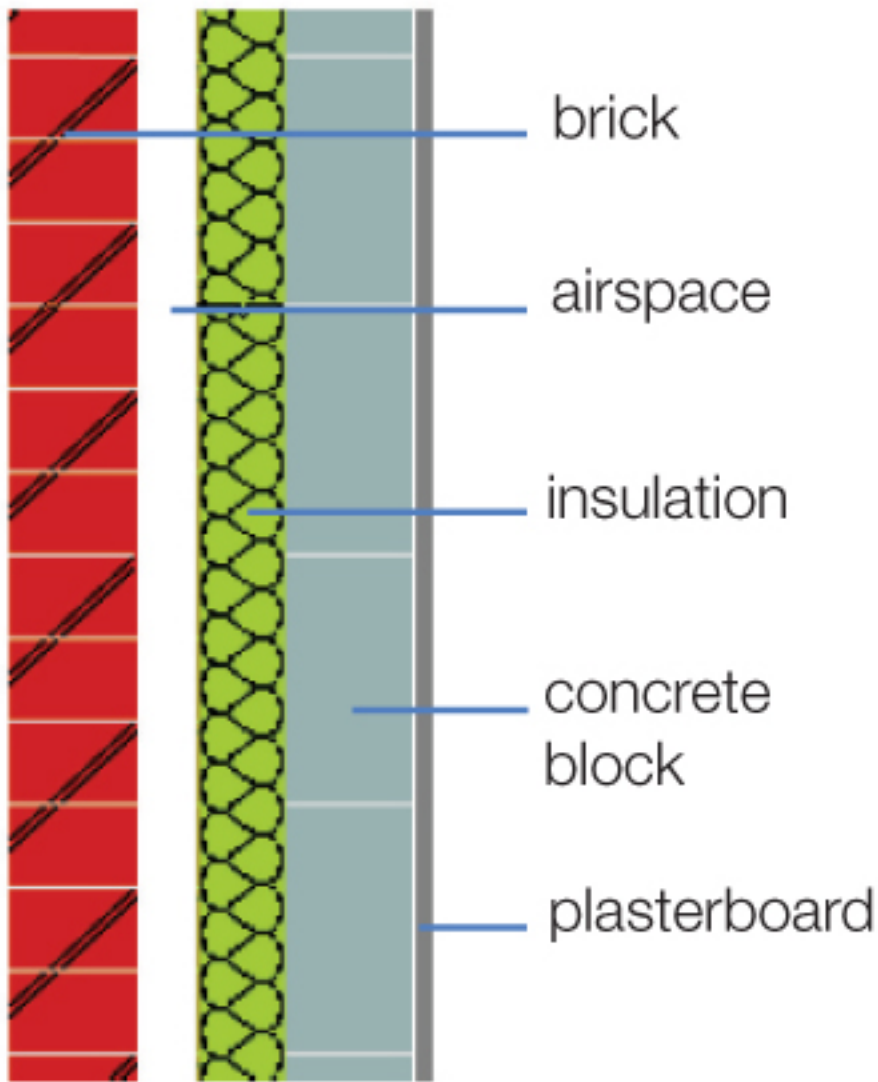


- brick
- airspace
- plywood
- insulation and timber frame
- plasterboard

0.3 W/m<sup>2</sup>K  
0.9 W/m<sup>2</sup>K

insulation  
thermal mass

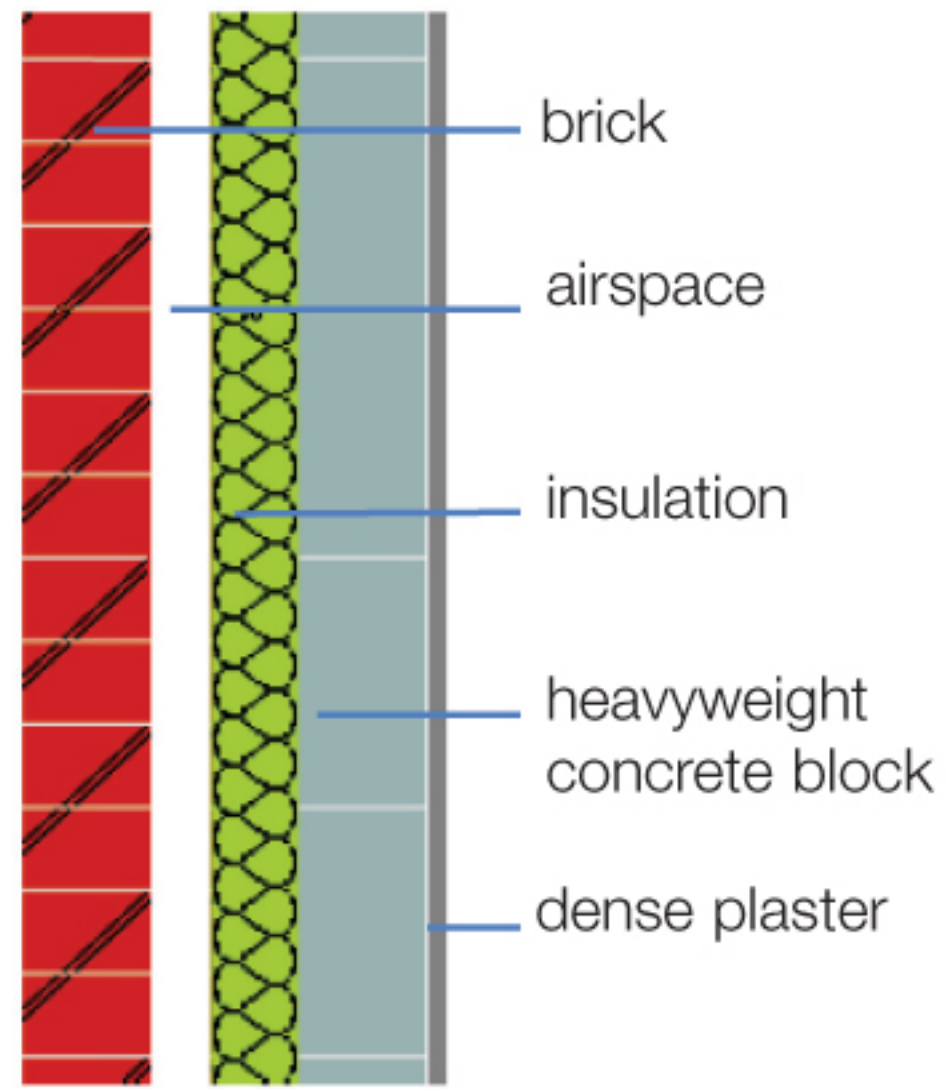
### Concrete block and plasterboard



- brick
- airspace
- insulation
- concrete block
- plasterboard

0.3 W/m<sup>2</sup>K  
2.6 W/m<sup>2</sup>K

### Heavyweight concrete block and dense plaster



- brick
- airspace
- insulation
- heavyweight concrete block
- dense plaster

0.3 W/m<sup>2</sup>K  
5.7 W/m<sup>2</sup>K

(insulation relates to the transfer of energy through the wall; thermal mass relates to the storage of energy in the inner skin of the wall)