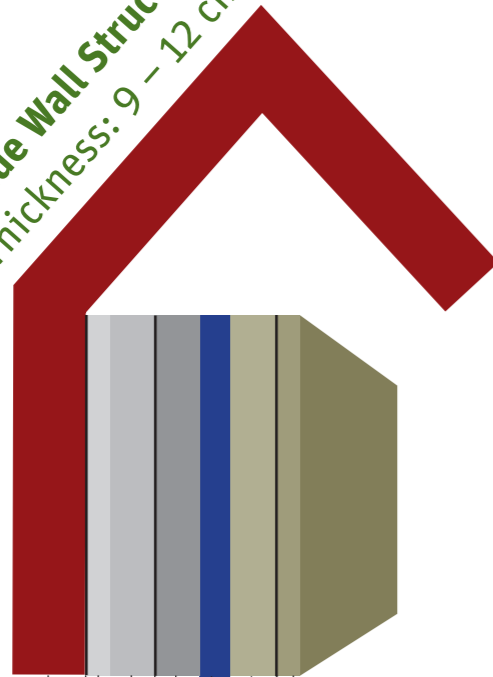


# Hippokrates Heating and Cooling System (the „Hippokrates-System“)

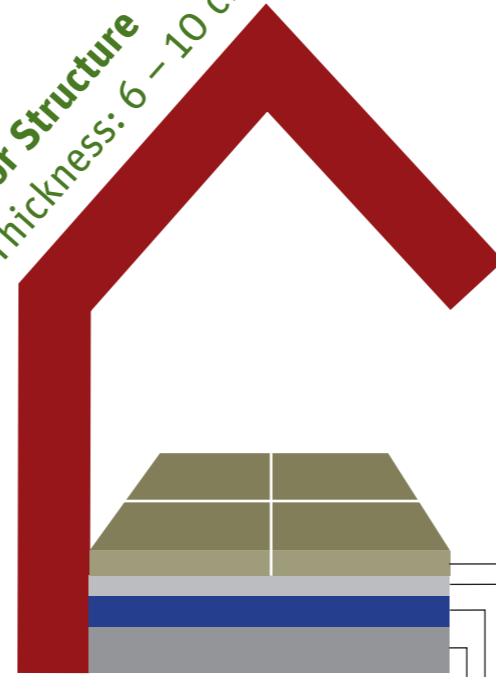
## Schematic structure of the „Hippokrates-System“ for wall (with and without insulation plaster), ceiling and floor

**Inside Wall Structure**  
Thickness: 9 – 12 cm



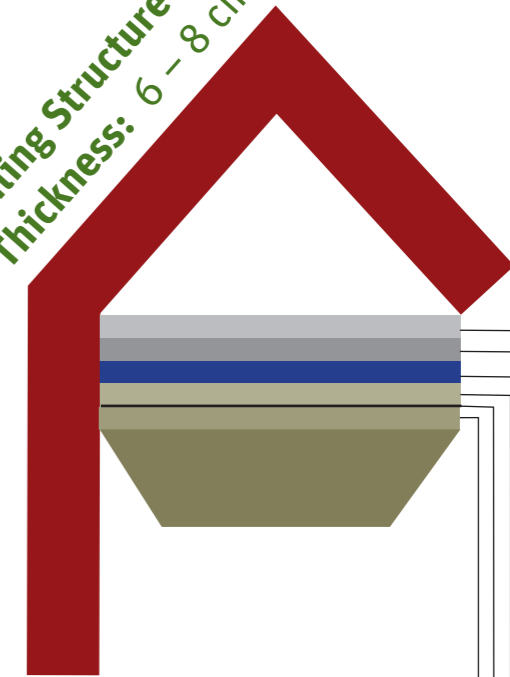
- Masonry
- Primer
- Subbed | 0.3 cm
- Insulation Plaster | up to 4.0 cm
- Glue | 0.2 cm
- Calcium-silicate panel | from 2.5 up to 5.0 cm
- Capillary tube mat | 0.4 cm
- Basic plaster | 2.0 cm
- Tissue on basic plaster | 0.1 cm
- Fine plaster | 0.3 cm

**Floor Structure**  
Thickness: 6 – 10 cm



- Screed | up to 8.0 cm
- Capillary tube mat | 0.4 cm
- Balancing mass (stabilizer) | 0.2 cm
- Tiles, parquet or carpet | up to 2.0 cm

**Ceiling Structure**  
Thickness: 6 – 8 cm



- Fine Plaster | 0.3 cm
- Tissue on basic plaster | 0.1 cm
- Basic Plaster | 2.0 cm
- Capillary tube mat | 0.4 cm
- Calcium-silicate panel | from 2.5 up to 5.0 cm
- Suspended ceiling possible**  
Advantage: Air insulation and circulation

### Advantages of the „Hippokrates-System“

- Heating and cooling in only one system
- inside insulation with (or without) permeable insulation plaster and calcium silicate panels
- no flammability
- no mold fungus
- no condensate problem when cooling
- comfortable and healthy room climate
- passive cooling when system is being switched off
- energy costs savings