Roof
CLT-Floorslab 230 mm Rc=2.1
XPS Insulation 140 mm Rc= 4.5
EPDM roofing
Protective layer 2 mm
Drainage and buffer system 40mm
Filtering foil
Substrate 90 mm
Vegetation
**Floor**

- CLT-Floorslab 230 mm
- Insulation 30 mm
- Waterproof layer
- Floor heating 30 mm
- Covering plate 18 mm
- Floor finishing 25 mm

**Facade**

- Alcoa RT 72 Aluminium window frame
- HR++ Glazing
- Insulation 30 mm
- Duco ClimaTop 60 (preheating vent. element)
- Sunprotecting screen
- Brick work 155 mm
**Floor**
- CLT-Floorslab 230 mm
- Insulation 30 mm
- Waterproof layer
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**Facade**
- Alcoa RT 72 Aluminium window frame
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- Sunprotecting screen
- Brick work 155 mm

**Details**
- BALCONY DETAIL 1:5
**Floor**
Substrate 300 - 700 mm (depending on the vegetation)
Filter membrane
Drainage/buffer sheet
Protection membrane
Roof covering

**Construction**
Concrete floor construction h= 450 mm
HEA Beam h=600
Facade
- Plasterboard 12 mm
- HSB 240 mm
- Multiplex 18 mm
- Isover Insulation 200 mm
- Water & vapor resistant foil
- Cement fibre board 12 mm
- Cement-bound glue 5mm
- Brick slips 15mm

Facade
- CLT Wall 2x 120 mm + 60 mm insulation
- Kingspan K8 Plus Insulation 88 mm Rc = 4.75
- Water & vapor resistant foil
- Rainwater drainage
- Brick 240 x 115 x 70 mm