

- roof system**
- 1. vegetation layer 120 mm
 - 2. protection layer
 - 3. seperation and gliding layer
 - 4. top sheet of the insulation (polymer bitum track)
 - 5. first layer of insulation
 - 6. hard foam PUR (uncoated) 120 mm
 - 7. vapor barrier
 - 8. bitumen advanced dash
 - 9. prefabricated reinforced concrete 200 mm
 - 10. lime plaster 20 mm

- slap construction**
- 1. prefabricated reinforced concrete layer 150 mm
 - 2. screed 60 mm
 - 3. impact sound insulation 40 mm
 - 4. flooring laminate 20 mm

- facade construction**
- 1. clay lime plaster 30 mm
 - 2. prefabricated reinforced concrete 150 mm
 - 3. hard foam PUR (uncoated) 120 mm
 - 4. ceramic tiles 8mm

clay lime plaster I
humidity absorption

self shading facade

- slap construction loggia**
- 1. prefabricated concrete part 180mm with gradient
 - 2. bitum track
 - 3. screed 90mm
 - 4. stone tiles 10mm

ceramic tiles I sun reflection
I lighth steering

- ground construction EG aussen**
- 1. gras
 - 2. ground 80mm
 - 3. fine sand 80mm
 - 4. fine grid 80mm
 - 5. rude grid 120mm
 - 6. geotex mat

- ground construction EG**
- 1. flagstone 20 mm
 - 4. screed 30 mm
 - 5. bitum track
 - 6. prefabricated reinforced concret layer 250 mm

north facade section | 1:20

south facade section | 1:20

regular floor section | 1:20