

STRUCTURE	NET WEIGHT [kN/m ²]	THERMAL CONDUCTIVITY [W/m ² K]	RECOMMENDATIONS
EXTERIOR WALL	4,6	0,15	1. For more information on facade bricks, see www.silikaat.ee/tooted/silikaatto/silikaattellised/ 2. For more information on masonry mortar, see www.silikaat.ee/tooted/kuivsegud/
ROOF SLAB	0,9	0,10	

CONSTRUCTION

Exterior wall

1. Interior finish
2. Silicate block 300x180x192mm
3. Insulation $\lambda=0.035\text{W/mK}$
4. Wind barrier plate $\lambda=0.035\text{W/mK}$
5. A breathing air gap
6. Facade brick 250x85x65mm

ROOF UNIT S3.5 M1:10

water
draining disc

facade
(see rec 1)

masonry mortar
(see rec 2)

wall plate
waterproofing

concrete belt
reinforcement
concrete belt

masonry mortar
(see rec 2)

wall attachment
plastic washer

6 5 4 3 2 1
85 50 25 200 180

CONSTRUCTION

Roof slab

7. Ceiling finishing
8. Building panel
9. Scantling
10. Thermal insulation between 45x45mm scantling $\lambda=0.035\text{W/mK}$
11. Steam barrier
12. Thermal insulation between 45x95mm rafter thickening, $\lambda=0.035\text{W/mK}$
13. Insulation between rafters $\lambda=0.035\text{W/mK}$
14. Wind barrier plate $\lambda=0.035\text{W/mK}$
15. Spacing batten
16. Underlay
17. Spacing batten
18. Scantling
19. Roof tile

NOTE:

The drawing is of informative nature and not suitable for design work