

Product Specifications

1. Walls

1.1 External Wall Elements | 310 mm - [U-value $\approx 0,18$ W/m²K]

1. Wall boards Byggelit 600 x 2400 | 12 mm
2. Wooden frame 45 x 45 mm with mineral wool insulation 50 mm [$\lambda D \geq 0.035$ W/(mK)]
3. Vapour control layer 0.2 mm
4. Wooden frame 45 x 195 mm C24 with mineral wool insulation 200 mm [$\lambda D \geq 0.035$ W/(mK)]
5. Wind protection gypsum board GTS 9 mm
6. Wind-barrier layer 0.2 mm
7. Horizontal battens 28 x 45 mm
8. Vertical wooden boarding, spruce UYS 21 x 145 mm

1.2 External Wall Elements – Bathroom | 359 mm - [U-value $\approx 0,18$ W/m²K]

1. Fibo-Trespo boards 11 mm
2. Battens 50 x 45 mm | Cross battens 45 x 45 mm
3. Wooden frame 45 x 45 mm C24 with Mineral wool insulation 50 mm [$\lambda D \geq 0.035$ W/(mK)]
4. Vapour control layer 0.2 mm
5. Wooden frame 45 x 195 mm C24 with Mineral wool insulation 200 mm [$\lambda D \geq 0.035$ W/(mK)]
6. Wind protection gypsum board GTS 9 mm
7. Wind-barrier layer 0.2 mm
8. Horizontal battens 28 x 45 mm
9. Vertical wooden boarding, spruce UYS 21 x 145 mm

NB! Sockle in the bathroom 10 cm with the ceramic tiles

1.3 Internal Lightweight Wall Elements | 94 mm

1. Wall boards Byggelit 600 x 2400 | 12 mm
2. Mineral wool insulation 75 mm
3. Wooden frame 45 x 70 mm
4. Wall boards Byggelit 600 x 2400 | 12 mm

1.4 Internal Lightweight Wall Elements - between bathroom and other rooms

1. Kitchen | living room | Bedroom
2. -
3. Wall boards Byggelit 600 x 2400 | 12 mm
4. Mineral wool insulation 75 | 100 | 145 mm | (Cross battens 45 x 45 mm)
5. Wooden frame 45 x 70 | 95 | 145 mm | (Cross battens 45 x 45 mm)
6. Fibo-Trespo boards 11 mm
7. -
8. Bathroom

2. Floors

2.1 Floor Elements | 278 mm - [U-value $\sim 0,178$ W/(m²K)]

1. Laminated parquet 7 mm
2. ProVent parquet underlay
3. Moisture resistance chipboard Durelis P5 22 mm with tongue and groove
4. Wooden beams 45 x 240 mm C24 with mineral wool insulation 250 mm [$\lambda D \geq 0.035$ W/(mK)]
5. Wind barrier
6. Moisture resistant chipboard 9 mm

2.2 Floor Elements - Bathroom | WC

1. Ceramic tiles 10 x 10 Dark Grey
2. Hydro isolation with inclination
3. Gypsum board 15 | 13 | 6 mm
4. Moisture resistance chipboard Durelis P5 22 mm with tongue and groove
5. Wooden beams 45 x 195 mm C24, cc 300 with mineral wool insulation 200 mm [$\lambda D \geq 0.035 \text{ W}/(\text{mK})$]
6. Wind barrier
7. Moisture resistant chipboard 9 mm

NB! Electric heating cable (in bathrooms)

3. Roof

3.1 Roof elements | 480 mm - [U-value ~ 0,18 W/(m²K)]

1. Metal sheet on top of parapet
2. -
3. Second layer of SBS (under layer Technoelast K-PS 170 | 5000)
4. First layer of SBS (under layer Technoelast K-MS 170 | 4000)
5. Moisture resistant chipboard 22 mm
6. Battens for ventilation 45 x 45...145 mm, cc 400 mm
7. Wooden beams 45 x 195 mm with mineral wool insulation 200 mm [$\lambda D = 0.035 \text{ W}/(\text{mK})$]
8. Vapour control layer Siga Majrex
9. Ceiling battens 45 x 45 mm with mineral wool insulation 50 mm [$\lambda D = 0.035 \text{ W}/(\text{mK})$]
10. Ceiling boards Byggelit 600 x 1200 | 12 mm

NB! There is a suspended ceiling in the bathroom

3.2 Rainwater system

1. Round, horizontal gutters, vertical pipes, colour and size will be specified
2. Roof safety products – not included

4. Windows | Doors

Windows, PVC, black | white, triple glazing [U-value ~0,88-1,0 W/(m²K)], fixed | inward tilt opening.
Terrace door with full glass, PVC, white, outward opening, standard handles, key outside, thumb-turn inside.

4.1 Internal doors - 9x21

Jeld Wen, flush, colour – NCS S 0502-Y (white) - 2 pcs. Chrome handles, lock covers and thumb-turn

5. Assembly Materials & Accessories

5.1 Electricity supply

All installations are hidden inside the constructions.

1. Cable 3x2,5 for sockets; 3x1,5 for lamps; 5x2,5 for stove
2. Main electricity switchboard
3. Switches ABB Basic55 – 3 pcs per Module
4. Outlets ABB Basic55 - 9 pcs per Module
5. LED Plafond lightning 10 EUR | pc in the bathroom, bedroom, kitchen, living room - 2 pcs per room
6. Connection point for mirror lamp (lamp is not included)
7. Outside lamp - 1 pc per Module

NB! External network connection point, electricity meters, main power cables, main data cables | plugs are not included.

5.2 Heating | Ventilation

1. Fresh-claps - 1 pcs per room
2. Exhaust air ventilator with regulator - 1 pc
3. Exhaust air plafond - 2 pc
4. Kitchen Hood readiness
5. Floor heating cables with regulator in the bathroom
6. Electricity Convecteur BETA5-BT-EP- 500W in the bedroom, BETA10-BT-EP -1000W in the living room

5.3 Water supply and sanitary equipment, sewage

1. Toilet outlet \varnothing -110
2. Drain outlet DN 75 PE | PP
3. Outlet basin DN 50 PE | PP
4. Outlet kitchen DN 75 PE | PP

NB! Automatic water off switcher is not included

NB! Pipes: Aluplex composite pipes