

montage description

C.1 outside finish
C.2 small KEY
C.3 KEY in hand

1. EXTERNAL WALL

ek+ U = 0,17 W/m²K
 - plaster facade upon colour scale ekokoncept
 - mineral fiber (option: wooden fiber) 60mm (option: ≥ 150 mm)
 - cement board 15 mm (with mineral facade only)
 - glass wool 160 mm
 - wooden solid dry construction 160 mm (without formaldehyd)
 - LSB plate 15 mm
 - wooden solid dry underconstruction - instalation level 40 mm (option: glass wool)
 - gypsum board 12,5 mm (C.2)
 - final rendering (C.3)

ek natur U = 0,160 W/m²K
 - plaster facade upon colour scale ekokoncept
 - wood-fibre insulation board 60mm (option: ≥ 120 mm)
 - wood closed cladding without spaces of boards 24 mm
 - glass wool (option: soft-wood fiber board) 160 mm
 - wooden solid dry construction 160 mm (without formaldehyd)
 - wood closed cladding without spaces of boards 24 mm
 - vapour barrier
 - wooden solid dry underconstruction - instalation level 40 mm (option: glass wool)
 - gypsum board 12,5 mm (C.2)
 - final rendering (C.3)

ek wood face del objekta z leseno fasado U = 0,170 W/m²K
 - spruce wood external wall cladding 20 mm (option: larch)
 - spruce wood battens - ventilation 20 mm
 - spruce wood battens - ventilation 20 mm (only with vertical facade)
 - Uvwind barrier
 - softboard 30mm (option: ≥ 120 mm)
 - glass wool 160 mm
 - wooden solid dry construction 160 mm (without formaldehyd)
 - LSB plate 15 mm
 - wooden solid dry underconstruction - instalation level 40 mm (option: glass wool)
 - gypsum board 12,5 mm (C.2)
 - final rendering (C.3)

BBS+ U = 0,129 W/m²K
 - plaster facade upon colour scale ekokoncept
 - option: wooden facade (spruce, larch)
 - EPS 100 mm (option 150 mm)
 - BBS plate 100>145 mm (X-lam construction board)
 - gypsum board 12,5 mm (C.2)
 - final rendering (C.3)

2. INNER WALL

- gypsum board 12,5 mm
 - option: + gypsum plasterboard with improved properties at high temp. 12,5 mm
 - wooden solid dry construction 100 mm (without formaldehyd)
 - glass wool 60 mm
 - gypsum board 12,5 mm
 - final rendering (C.3)

3. CEILING BETWEEN FLOORS (active floor)

- gypsum board 12,5 mm
 - option: instalation level - spruce battens 20 mm
 - construction board BBS 100>200 mm (X-lam)
 - sand rubble 50 mm (C.2)
 - sound insulation XPS 20 mm (C.2)
 - estrich 60 mm (C.2)

4. ROOF CONSTRUCTION

S1 U = 0,170 W/m²K
 - roof tiling - concrete BRAMAC (option: tondach, gerard, etc.)
 - horizontalno + vertikalno letvanje prilagojeno tipu kritine
 - steam foil
 - option: mineral wool 60 mm
 - glass wool 200 mm
 - solid wood construction 200 mm
 - steam barrier
 - horisontal battens, option. glass wool* 30 ≥ 60 mm (C.2)
 - gypsum board 12,5 mm
 - final rendering (C.3)

S2 BBS flat roof/green roof type) U = 0,143 W/m²K

- sand rubble 50 mm (option: humus soil for green roof min. 80 mm)
 - PVC welded roof foil 1,5 mm
 - 2x EPS 100 mm
 - PVC foil 0,5 mm (option: hot welded bitumen foil 3 mm)
 - 100 ≥ 250 mm BBS plate (option: visible A-B quality)
 - gypsum board 12,5 mm
 - final rendering (C.3)

5. ROOFING

visible gutters, conclusions and downpipes φ 80 is made of RAL coated sheet metal.
 End of pipe is about 5 cm below the plane of the base plate.
 Invisible / hidden drain pipes φ 80 is made of standard PVC pipe.

6. WINDOWS AND BALCONY/TERRACE DORS

PVC/wood with chamber profiles, reinforced with metal buckles or. profiles of glass fiber in white/natural, thermopane glazing and related hardware. Opening by the vertical axis and ventus. (optional: wood-aluminum, sliding walls, installing external blinds)

7. ENTRANCE DOORS

Aluminium, profile ADS economic ALU 85 with insulating fill, white.
 3-point safety lock, cylindrical cartridge, triple sealing frame and profile.
 (optional: solid wood, safety, impregnated doors)

8. WINDOW SHELFs

Aluminum profile depth of up to 180 mm, painted RAL for external shelves.
 inner shelves PVC or beech wood (C.3)

9. ROOF WINDOWS

- VELUX tip GGLSG

10. WALL-CONCRETE CONNECTION

- Vertical contact between the concrete slab and prefabricated part is connected to an external thermal insulation above ±0,00 above concrete plate.
 - Waterproofing covered up to 20 cm above the plate
 - Wooden facade is completed min. 15 cm above the external ground level
 (Option: plastic render, stone cladding, cast concrete outdoor clogs)

11. TRANSPORT AND ASSEMBLY

- Transport from SLO or imported items would be done by truck length up to 18 m.
 - Assembly provided by authorized ekokoncept installers
 - crane or lift organised by customer/investor if no other specified
 - enough space for manipulation and storage of elements on site.
 - scaffolding for facade or else organised by customer

12. PLUMBING, ELECTRICITY AND HEATING

- Rough electrical piping installations, self-extinguishing pipe φ20 + electrodose.
 Spacing according to DIN 49075th up to three plugs / location (C.2)
 - Rough plumbing and waste piping installations till in house connection (C.2)
 - Installation and piping for floor heating up to 4 branches - system plates (C.2)
 - Installation of the heat pump air / water after and plugging the h/w reservoir with 300l storage tank (optional fine assembly of electrical installations) (C.3 / AIR)

13. FINISHING BY SPECIAL AGREEMENT ONLY

- Fabrication and installation of interior stairs (Beech) (C.3)
 - Manufacture of cement screeds on the ground and first floor (C.3)

ekokoncept can provide: BY SPECIAL AGREEMENT ONLY
 foundation works with necessary carpentry and watterproof layer - bitumen or else chimney systems
 smart instalation project and asseembly - WiFi
 - renting the construction workers for heavy duty operations

PAVILIONS by ekokoncept

ek pavilion U = 0,330 W/m²K
 - wooden spruce facade 20/60 ≥ 120 mm vertical orientation (optional: larch)
 - spruce wood battens - ventilation 20 mm
 - UV resistant vapour barrier - external wall only
 - MDF wooden board 15 mm (optional)
 - wooden solid dry construction 100/120 mm (without formaldehyd)
 - glass wool 100/120 mm
 - LSB construction board 15 mm (optional: spruce formwork 20 mm)
 - gypsum board 12,5 mm (C.2)
 - eooing covered with bitumen stripes 4 mm, roof tilt above construction up to 4°
 - floor: LSB 15 mm, 160>180 mm solid wood, 120 mm glass wool, LSB 15 mm, bitumen foil 3 mm
 - glazing: (fig. 6.), doors/balcony type with hook and cylindrical keylock
 - Rough electrical piping installations, self-extinguishing pipe φ20 + electrodose.

optional:

- Pipe fittings and sanitary equipment (on location only)
 - flooring (cheramic on location only)
 - blinds 60/80 mm manual mono control or electric
 - kitanje, gletanje, brušenje, finalni oplek sten
 - foundation preparation - point or linear
 - additional terrace

note: pavilions ekokoncept are produced intairly in production and delivered on site in one constructional piece
Transport and assembly on site are surcharged

Objects are manufactured by tipical details ekokoncept. At realisation of project we reserve the right for small changes of plans and technical changes in the volume of supply.

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