

## Standard -turnkey finish - Vision

### CONSTRUCTION OF WALLS, CEILINGS AND ROOF

#### Plinth

Damp proof insulation on the perimeter of the house in the form of EPDM membrane in accordance with details

#### External walls

Fibre cement boards fixed to battens with system screws - 8 mm

Ventilation space with vertical battens - 30 mm

Windproof membrane

Thermal insulation - mineral wool  $\lambda=0.030$  W/(mK) between horizontal battens - 120 mm

OSB sterling board/chipboard - 12 mm or gypsum fibre board 12.5 mm <sup>1</sup>

Timber studs (of resinous wood) - 220 mm

Thermal insulation - mineral wool,  $\lambda=0.032$  W/(mK) - 220 mm

OSB sterling board/chipboard - 12 mm or gypsum fibre board 12.5 mm <sup>1</sup>

Polyethylene vapour check

Plasterboard -12.5mm

#### Internal load-bearing and non-load-bearing walls

Plasterboard - 12.5 mm

OSB sterling board/chipboard - 12 mm or gypsum fibre board 12.5 mm <sup>1</sup>

Timber studs (of resinous wood) - 120 mm/80 mm

Insulation - mineral wool - 50 mm

OSB sterling board/chipboard - 12 mm or gypsum fibre board 12.5 mm <sup>1</sup>

Plasterboard - 12.5 mm

#### Floor/ceiling over the ground floor, from top to bottom

OSB sterling board/chipboard - 22 mm

Timber joists (of resinous wood) - 240 mm

Insulation - mineral wool - 50 mm

Timber battens for plaster boards - 22 mm <sup>2</sup>

Plasterboard- 12.5 mm

#### Floor/ceiling over the ground/first floor layers (between heated and unheated spaces)

Timber walk boards - 22 mm (width approx. 1 m)

Thermal insulation - mineral wool,  $\lambda=0.035$  W/(mK) - 320 mm

Timber joists (of resinous wood)/trusses according to structural calculations

OSB sterling board/chipboard - 22 mm

Polyethylene vapour check

Plasterboard - 12.5 mm

#### Gable roof without insulation

Ceramic roof tiles according to the samples

Roof battens

Counter battens

Breathable membrane

Timber rafters (of resinous wood)/trusses according to structural calculation

#### Gable roof over inhabited space, from up to down <sup>4</sup>

Ceramic roof tiles according to the samples

Roof battens

Counter battens

Breathable membrane

Timber rafters (of resinous wood) - 300 mm

Thermal insulation - mineral wool,  $\lambda=0.032$  W/(mK) - 300

OSB sterling board/chipboard - 22 mm

Polyethylene vapour check

Plasterboard - 12.5 mm

#### Flat roof, from up to down

Gravel ballast with min. thickness 50 mm. Roof edges are finished with an attic wall along the perimeter of the roof.

EPDM membrane

Thermal insulation - mineral wool - 230 mm

Polyethylene vapour check

OSB sterling board/chipboard - 22 mm

Timber joists (of resinous wood) - 240 mm

Timber battens for plasterboards - 22 mm

Plasterboard - 12.5 mm

#### GUTTERING

If the roof is gabled, there is a hidden gutter system, and downpipes under the facade system. If the roof is flat, the shafts inside the building are made with low-noise pipes, and there is an inspection outlet through the attic wall.

Connection to a drainage system in the ground - on the investor's side

#### WINDOWS

Aluminium windows,  $U_w = 0.73$  W/(m<sup>2</sup>K) (depending on the window size and type of glazing), in the sizes according to the standard floor plan, 3-pane glazing  $U_g=0.5$  W/(m<sup>2</sup>K), all windows with clear glazing. <sup>3</sup>

All windows (except constant elements) are equipped with turn, or tilt and turn, fittings, inward opening, safety glazing where required. Colour according to the samples. Some windows (according to drawing) on the ground floor have sliding systems.

If included in the plan: PVC roof windows,  $U_w =$  up to 0.86 W/(m<sup>2</sup>K), white inside, anthracite aluminium roof frame, triple glazing,  $U_g = 0.6$  W/(m<sup>2</sup>K), clear glass. Electric drive.

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## SUN PROTECTION

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All rectangular windows and balcony doors are installed in the wall (if technically possible) and equipped with a textile, multifunctional shading system for sun protection. Shutter boxes are integrated in the facade. Colour according to the samples. Anthracite roller shutters for roof windows (if technically possible). Electric drive.

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## WINDOW SILLS

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All windows with aluminium exterior window sills. Colour according to the samples.

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Marble interior window sills, colour according to the samples.

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## DOOR

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### External doors

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Aluminium entrance door,  $U_d = \text{approx. } 0.9 \text{ W}/(\text{m}^2\text{K})$ . Colour according to the samples.

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### Internal doors

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Height and door type according to architecture, handle sets according to the samples.

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## INTERNAL STAIRCASES

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Wooden and steel stairs (ash) or open wooden stairs (ash) according to the samples.

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Glass balustrades according to the samples.

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Folding loft ladder to attic area with a white hatch.  $U=0.51 \text{ W}/(\text{m}^2\text{K})$ .

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## FLOORS <sup>5</sup>

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### Finishing materials

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Ceramic floor tiles according to the sample collection in the toilet and bathroom, kitchen, utility room, pantry, storage room and hallway. Tile joint (Joint grout) according to the sample.

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Glued-down wooden floor according to sample collection in living/dining room, bedroom and hall.

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Floor coverings in the wardrobe: ceramic floor tiles or glued-down wooden floor according to the description in the plans.

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Tile skirting made of floor tile in the toilet and bathroom. Skirting in other rooms according to the sample.

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Floor connections according to the sample.

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### Ground floor layers

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Flooring according to the individual room description

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Screed - approx. 65 mm

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Thermal insulation - PIR boards - 90 mm

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Damp proof membrane (if foundations are on the ground)

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### Second floor layers

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Flooring according to the individual room description

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Screed - approx. 65 mm

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Insulation - 80 mm

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## WALLS AND CEILINGS FINISHING

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Ceilings and walls - smooth filling Q3. Painting colour white.

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## Bathroom and toilet finish

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Each room has an individual implementation project. The surface and type of tiles used are different for each project. Tile grout according to the sample taken.

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Elements such as wall niches and moldings are included in the price. Mirrors, lighting and bathroom accessories such as toilet paper holders, towel rails, baskets, etc. are not included in the price.

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Electrical towel radiators in bathrooms and en-suites. For houses with one bathroom – One electric towel radiator is included in the price. For houses with two bathrooms – Two electric towel radiators are included in the price.

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For houses without a ready toilet/bathroom interior design (individual designs, catalog houses with major architectural changes):

- Wall tiles, height about 1.2 m from floor level (up to ceiling around showers up max to 3 m). All horizontal edges of terrain tiles are painted white.
  - Other wall surfaces filling and painting colour white.
  - Fittings: Single-lever mixers according to the template. Branded sanitary accessories are standard in the bathroom and toilet.
  - The equipment/arrangement of bathrooms and showers is modeled on floor plans. Models and dimensions according to the sample depending on the type of room.
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## TECHNICAL INSTALLATIONS <sup>6</sup>

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### Ventilation

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Very energy-efficient and quiet mechanical ventilation with Heat Recovery (flat ducting system, air intake and exhaust outlets in external walls), includes enthalpy exchanger for moisture recovery.

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### Heating

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Ground Source Heat Pump with integrated hot water cylinder. Capacity depends on the size of the house.

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Water-based underfloor heating

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Insulated PVC pipes in accordance with applicable regulations

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### Cooling

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Passive Cooling by Underfloor Heating System

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### Sanitary installation <sup>7</sup>

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Cold water, hot water and sewer pipes of PVC. All installations in the property up to the boiler connection point are included.

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Hot water circulation

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1 connection for washing machine, 1 connection for fridge, 1 sink connection with distribution valve for dishwasher

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A garden water connection as a frost-proof fitting on the external facade in the technical room or kitchen area as a flush-mounted installation

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### Electrical Installation

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Sockets, ceiling and wall outlets: number and position according to electrical plan.

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Wide range of switches and sockets according to the sample.

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Distribution board with its content and connection of meter box located in technical room - Dan-Wood supply and install

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Detectors: type and quantity according to local regulations

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### Smart Home Installation

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Lighting control, a switchable outdoor socket, an intelligent switch with current measurement for electrical devices, control of the textile shading system, control of roof window and roller shutters, electronic door lock, iPad with wall bracket

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1. According to the Dan-Wood production standard in force at the time of manufacture.
2. Some of the rooms e.g. bathrooms, WCs, technical rooms require an additional ceiling's substructure. In that cases, the level of the ceiling will be lower.
3. In the case of special glazing/large window size/special construction or function, the  $U_g$  value of the glazing and  $U$  of the window may differ from the standard window.
4. For 1.5-storey houses with an opening to the ridge, the structure is extended with additional 60 mm battens and 60 mm mineral wool  $\lambda=0.030 \text{ W}/(\text{mK})$ .
5. The screed level is the same for the entire floor. Therefore after installation of the floor covering there may be differences in level caused by the thickness of used materials. Unevennesses are going to be leveled by thresholds. Sealing the Expansion Joint only when installing Dan-Wood floors. The foundation slab must be insulated with at least 120 mm of insulation with a thermal conductivity of  $0.041 \text{ W}/(\text{mK})$ .
6. The installations in the technical room are surface mounted. Due to the final room layout and the selected sanitary objects, additional installation walls may be necessary.
7. Sanitary installation does not include automatic fire suppression systems. Should any work on the building be necessary, Danwood will offer and carry out these measures – as far as technically feasible – for an additional charge.

Note: Installation of the foundation slab, services incoming to the slab, plinth finish, kitchen units, pipework from the incoming fuel source to heating appliances, and internal gas installations are supplied by the customer.