

The WIGO house is a domestically manufactured product and is produced in accordance with the relevant building regulations – as described below – starting from the top edge of the foundation slab.

Technical changes reserved.

1. Exterior walls

Approx. 160 mm thick, made of wall elements assembled on site into complete wall panels. Elements consist of a timber frame with chipboard cladding on both sides. The 16 mm exterior phenolic-bonded chipboard carries at least a 15 mm sheathing board with expanded-metal lath and about 15 mm of base and finishing plaster.

Inside, 9.5 mm gypsum plasterboards are additionally installed.

The inner cavity is fitted with a vapor barrier and 60 mm mineral-wool insulation.

The terrace-side walls in the living room and the gables may optionally be clad with profiled timber.

2. Interior walls

Clear room height approx. 2.60 m; wall elements approx. 100 mm thick, made of timber frames with 12–15 mm sheathing on both sides, assembled on site into complete wall panels. All interior walls are covered with woodchip wallpaper and painted with emulsion. Ceramic tiles and floor slabs according to sample: in the bathroom to 1.80 m height; in the kitchen up to 3 m² between worktop and cooker/sink unit; in the WC up to 1.50 m.

3. Ceiling construction

On the room side, a 12 mm gypsum plasterboard with vapor barrier and woodchip wallpaper; on the roof side, a boarding layer. Between them: 100 mm mineral wool mat, covered with another layer of boarding.

4. Roof construction

A) Work to be prepared by the client

- Construction electricity and water supply
- Foundation slab or full / partial basement
- Chimney brickwork (flue), including plaster and chimney head

B) Work by the manufacturer

- Preparation of submission plans for the building authority and execution plans for the foundation or basement floor

C) Scope of delivery

Self-supporting nail-plate trusses for approx. 20° roof pitch with hot-water preparation; dark-grey corrugated Eternit covering on 5/8 cm battens.

Roof overhangs of 0.60 m and approx. 30 cm gable overhang are panelled underneath with profiled timber boarding.

5. Plumbing / sheet-metal work

Gutters, downpipes, window sills, and chimney flashings are made of galvanized sheet steel; roof vent above roof made of zinc sheet or PVC.

6. Flooring

On an insulated subfloor construction, fitted carpets (< 45 ax) are laid in living and bedrooms; PVC flooring in kitchen and storage; ceramic floor tiles in vestibule.

7. Windows and doors

Tilt-and-turn windows in spruce with concealed fittings and rubber gaskets.
Terrace door in larch with cylinder lock, anodized handles and plates.
Windows and doors with insulating glass and full natural finish.
Interior doors as solid-core or glass doors, door leaf, frame and casing veneered in mahogany, varnished and fitted.

8. Impregnation and painting

All visible wooden parts such as boarding, planks and rafter ends are painted twice with Sadolin, Xyladecor or equivalent.
Wooden parts of the wall elements and sills are treated with a combined oil-based preservative.

9. Sanitary installations

Shower or 170 cm bathtub with drain and overflow set, mixer tap with hose shower;
1 washbasin unit (64 cm) with single-lever mixer, towel rail, pop-up waste, metal-cap siphon, angle valves, shelf with mirror (60 × 40 cm);
1 WC with bowl, seat and lid, Geberit toilet-roll holder;
double stainless-steel sink with drainer, siphon and single-hole mixer.

10. Electrical installations

Complete distribution board with automatic fuses, earthing strap and main line from master fuse box (max. 10 m) to distributor.

Installations include (examples):

- Entrance: 1 light point,
- Vestibule: 1 light point,
- Storage: 1 light point,
- WC: 1 light point,
- Bathroom: 1 light point + socket,
- Dining area: 1 light point,
- Living room: 2 light points, 2 sockets,
- Double bedroom: 1 light point, 2 sockets,
- Single bedroom: 1 light point, ...

All electrical installations according to OVE standards.

11. Heating

Direct-electric heating for daytime electricity, installed in all rooms according to thermal requirements; includes thermostats and safety devices.

12. Kitchen equipment

Fitted kitchen in all houses: base and wall units (approx. 4 m) with plastic-coated, coloured surfaces (choice), double stainless-steel sink with drainer, four-plate electric cooker with oven, 160 l three-star refrigerator, extractor hood (60 cm) with charcoal filter.

Thermal insulation of WIGO external wall:
 $k = 0.399$ (equivalent to 135 cm solid brickwork)