



TECHNICAL DATA

Base Structure

- Used 20-foot shipping container

Ground Floor:

- Length: 6,058 mm
- Width: 2,438 mm
- Height: 2,591 mm

Upper Floor (metallic superstructure):

- Length: 5,785 mm
- Width: 2,325 mm
- Height: 2,055 mm

Doors & Windows

- Metal-framed patio door (60 mm profile depth)
- JANSEN profile — JANISOL system (galvanized steel with thermal break)
- Insulated glass: VSG 33.2 BS2 — 16 mm Argon-filled spacer — 4 mm float glass
- Thermal insulation value: $U_g = 1.1$
- Fixed round windows (upper floor)
- Double round metal frame

Thermal & Acoustic Insulation

Walls:

- Open-cell H_2O polyurethane foam
- Thickness: 12 cm — Thermal conductivity (λ): 0.036 W/m·K

Floor:

- Closed-cell HF0 polyurethane foam
- Thickness: 9 cm — Thermal conductivity (λ): 0.027 W/m·K

Technical Equipment

Heating:

- 2 Viessmann Vitoplanar E15 S infrared heaters (900×630 mm, 230V)

Ventilation:

- 2 decentralized Viessmann Vitovent 200-D HR B55 units (230V)

Hot water supply:

- Vitotherm electric boiler, 80L capacity (230V)

Bathroom Fixtures

- Duravit toilet
- Duravit hand wash basin with Hans Grohe tap

Shower:

- Tray size: 800×1200 mm
- Hans Grohe thermostatic shower fitting

Climatisation

- LG P09 (optional)

Electrical Installation

- 16 electrical outlets — Jung LS 990
- 7 complete switches — Jung LS 990
- 2 aluminum LED profile lights (COP 3000K, 900lm/m)
- 2 heating thermostats — Jung LS 990
- 1 Ethernet outlet — High-speed internet pre-installation
- 1 main electrical distribution board

Surface Finishes

- Flooring: 4 mm thick metal panels
- Wall covering: 3 mm thick metal panels (Hot rolled S235JR steel)
- Weight: 7500 kg

Integrated Metal Furniture

- Metal wardrobe with hanging rail
- Metal kitchenette (1300×640 mm) with sink
- Metal kitchen shelf
- Metal partitions and doors for bathroom, toilet, and kitchen
- Metal bed frame with integrated storage

Price

- €95,000 excl. VAT

PLANS

