

# TECHNICAL SPEC SHEET

SC1 Container Home

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# BASE STRUCTURE

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## Container Type | 40 Foot HC ISO Container

Upcycled shipping container made from corrosive resistant high-strength low-alloy, corten steel with marine grade enamel finish. The container is sandblasted, touched up with wire brushing and sandpapering before being cleaned with a natural aqueous solution of acetic acid. Finally a corrosion-resistant zinc sealer layer with exceptional salt spray protection is applied with a finishing layer of primer, and marine-grade paint.



# SPECIFICATIONS

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**Walls:** 14-gauge vertically continuous corrugated steel panels.

**Top/Bottom/Side Rails:** 7-gauge tubular, cold-formed channel section steel.

**Roof:** 14-gauge die-stamped steel sheets (corners reinforced by 3.0mm thick steel plates).

**Cross Member Assemblage:** 18x 8-gauge pressed channel section steel.

**Corner Posts:** 4-gauge Single piece, pressed open section steel.

**Cargo Doors:** Original 11-gauge corten steel double outswing doors with 270° swing radius.

**Subfloor:** 28 mm thick, 19-ply treated plywood panels with minimum modulus of elasticity of 900,000 psi (new replacement subflooring for original subflooring panels).

**Exterior Length:** 12192 mm

**Exterior Height:** 2896 mm

**Exterior Width:** 2440 mm

**Exterior Area:** 30 m<sup>2</sup>

**Interior Length:** 12032 mm

**Interior Height:** 2698 mm

**Interior Width:** 2352 mm

**Interior Area:** 27 m<sup>2</sup>

**Weight empty:** ~4000 kg

# FLOORPLAN

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# WATER & PLUMBING

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**Water Piping:** High-Density Cross-Linked Polyethylene (HDPE) Pex piping

**Waste Piping:** Highly-Durable Schedule-40 PVC Piping

**Waste Openings:** 4 (through floor)

**Vent Openings:** 1 (rear wall)

**Water Intake Port:** 1 (rear wall)

**Shut Off-Valves:** At all fixtures

# BATHROOM

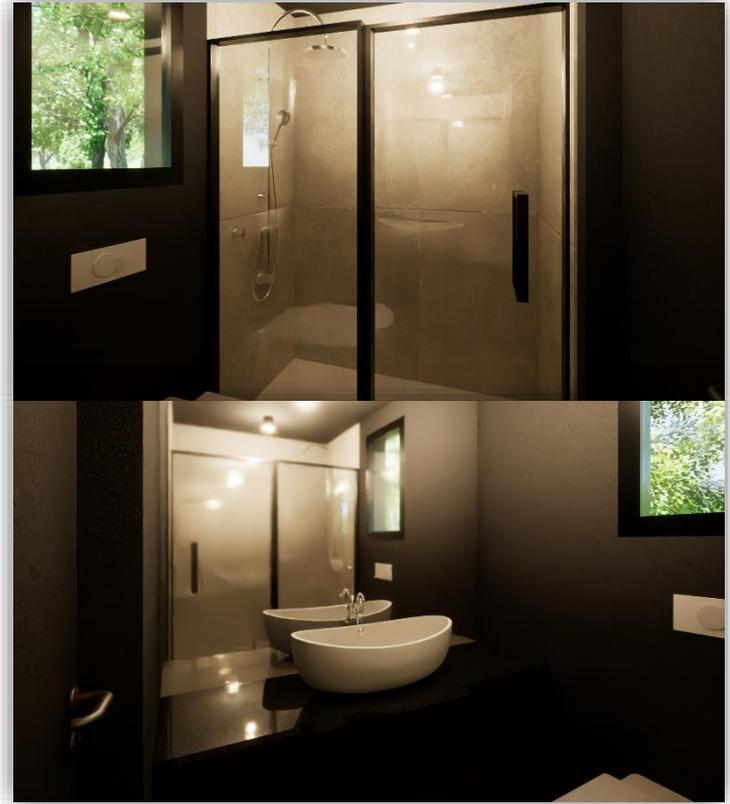
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**Shower:** Stainless steel overhead rainfall shower with anti-clog. Includes hand-held shower head and an anti-scald thermostatic valve.

**Toilet:** Ergonomic and versatile dual flush ceramic toilet with bottom outlet. Siphonic flush system.

**Exhaust Fan:** 4-Sone 70-CFM white bathroom fan.

**Bathroom Sink & Faucet:** Ceramic countertop art basin with solid brass faucet with ABS aerator, ceramic cartridge, and chrome finish.



# KITCHEN

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**Kitchen Cabinets:** MDF cabinets and shelves with moisture-resistant PU paint. Cabinet and shelf main frame made MDF panel. Back panel is 0.35" thick. 24.5" deep bottom cabinets and 12" deep top shelves and cabinets.

***Kitchen Cabinets:***

*2x 2-drawer bottom cabinets  
1x under-sink bottom cabinet*

*1x 3-shelf with swing door  
top cabinet 2x 3-level shelves*

**Kitchen Countertop:** Wooden countertop.

**Kitchen Sink & Faucet:** Stainless steel double bowl sink.



# INTERIOR WALLS & FLOORS

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**Framing:** Wooden framing Cage (all walls and ceiling).

**Insulation:** 2-component (Polyol and Isocyanate) closed-cell polyurethane spray foam (seamless, monolithic, and durable air barrier and insulation system).

**Drywall Type 1:** Fire resistant gypsum board (Gypsum compound mixed with fiberglass and micro in the core, bounded in pink faced paper. Fire resistant; 0.5”).

**Drywall Type 2:** Water resistant gypsum board (Gypsum board with water repellent additives at the core, encased in green paper liner, moisture resistant; 0.5”).

**Uncoupling Layer:** 1/8” polyethylene, waterproof, uncoupling membrane for water and vapor resistance.

**Vinyl Flooring:** Standard vinyl floor planks, 0.12” thick. PU Coating for excellent stain, fade and abrasion resistance with anti-bacterial effect

**Primer:** EcoHealth acrylic water based alkali resisting primer. 100% APEO, Formaldehyde and Heavy Metals Free; Low odour and extremely low VOC.

**Paint:** Water based acrylic paint. Free from harmful chemicals such as APEO, formaldehyde, heavy metals and has low volatile organic compound (VOC). Anti-Bacterial & Anti-Fungal.

# DOORS & WINDOWS

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**Exterior doors and windows:** Thermally broken, energy-efficient aluminum frames with triple pane toughened glass.

**Standard Exterior Door Types:**

1x Single outswing aluminum doors with 3 hinges and bottom sweep

Double outswing aluminum door with 3 hinges and bottom sweep

**Standard Window Types:**

2x Aluminum fixed windows

1x Awning window

1x Combination fixed and awning (top awning, bottom fixed)



**Standard interior door types:**

1x Bathroom entry door:

Built-in Door aluminum frame is plastered, and painted along with the wall to become one.



# ELECTRICAL

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**8x Loft Ceiling Lights:** Led round flat panels; 11 Inch downlighting system. 4000K bright white, 22-Watt, and dimmable.

**18x Interior Electrical Outlets:** 15 amp, 125-volt tamper-resistant outlets.

**1x Electrical fuse box:** containing 18x fuses.

**6x Exterior Wall Lights:** 15 amp, 125-volt tamper-resistant outlets.

**1x Exterior Electrical Outlets:** 15 amp, 125-volt tamper-resistant outlets.

# SMART-HOME

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Smart home controller with thermostat that allows you to manage your KNX smart home system in a new way. It has touch buttons and a touchscreen display that is fully configurable to suit your needs. You can manage:

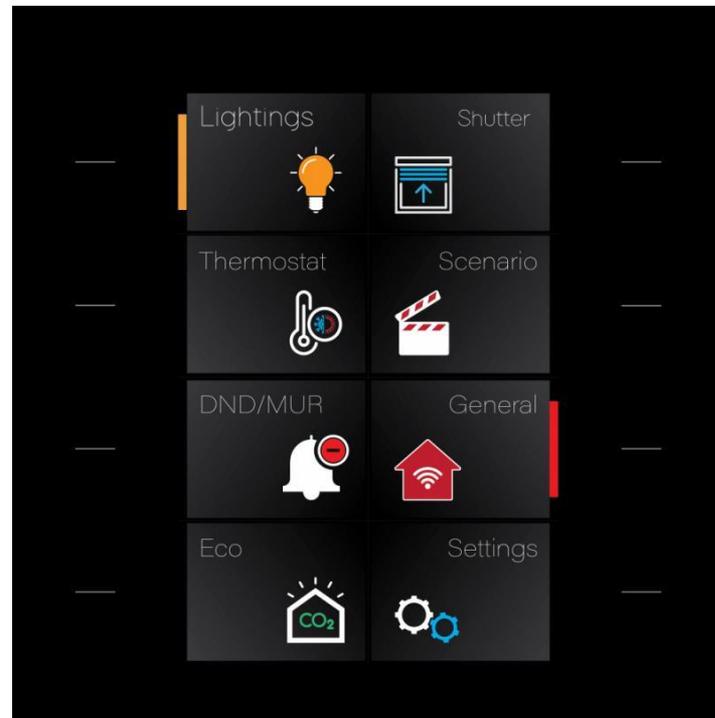
## Lighting

RGB LED lighting

Curtains and blinds

Air conditioning systems

With built-in temperature sensor



# APPLIANCES

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**2x Air Conditioner Units:** Energy-Efficient, Wall-Mounted, DC inverter type, Absolute silent operation, High Energy class A+++, with remote control, and WIFI control.

**1x Electric Built-in Oven:** Energy class A, Oven interior with 3 baking levels,

**1x Hot Water Boiler:** 65 liters capacity, Stainless steel body, Overheat protection, vertical wall mounting.

**1x Radiant Built-in Countertop:** Electric glass ceramic, Touch control, 3-speed residual heat control function

**1x Built-in Dishwasher:** 10 IEC kits: According to the IEC, 8 programs, 4 temperatures, 9.9 l, 0.739 kWh of eco 50

**1x Built-in Hood:** Full embedding, width 52 cm, 3-speed control sliders, Stainless Steel.



# INTERESTED? GET IN TOUCH!

For more information on how to get into your first *SC1 Container*, please contact us!

E: [info@slimcube.eu](mailto:info@slimcube.eu)

W: [slimcube.eu](http://slimcube.eu)

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