



TECHNICAL SPEC SHEET

SC2 Container Home



BASE STRUCTURE

Container Type | 20 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

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: 9x 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: 6060 mm

Exterior Height: 2590 mm

Exterior Width: 2440 mm

Exterior Area: 14.86m²

Interior Length: 5890 mm

Interior Height: 2330 mm

Interior Width: 2400 mm

Interior Area: 13.56m²

Weight empty: ~2100 kg

FLOORPLAN



WATER & PLUMBING

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

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.

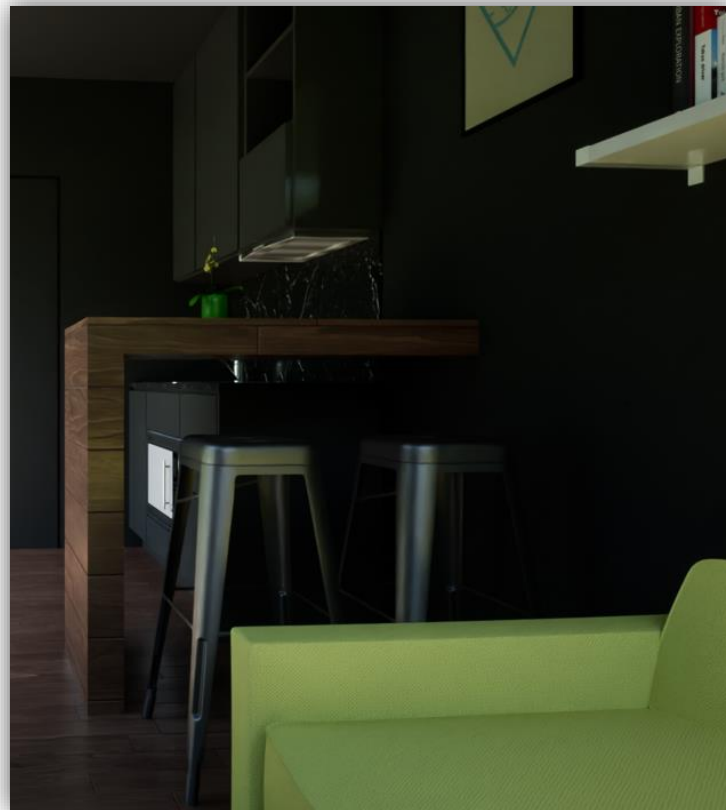


KITCHEN

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 Countertop: Dark wooden countertop.

Kitchen Sink & Faucet: Stainless steel double bowl sink.



INTERIOR WALLS & FLOORS

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

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

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.



APPLIANCES

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 Hood: Full embedding, width 52 cm, 3-speed control sliders, Stainless Steel.

1x Built-in Small Fridge: Energy class F, 85 x 60 x 62 cm.



INTERESTED? GET IN TOUCH!

For more information on how to
get into your first *SC2 Container*,
please contact us!

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