

20 FOOT SIZE “NORM” CONTAINER (208D-K) TECHNICAL DESCRIPTION

Dimensions	Outer: L 6058 mm W 2438 mm H 2591/2800 mm Inner: L 5838 mm W 2218 mm H 2300/2500 mm
Weight	2000 kg
Frame construction	Prefabricated welded 3-4mm thick special steel profiles 8 container corner castings 2 forklift pockets 305×87 mm, in 900 mm distance between centers 4 built-in roof gutters 4 built-in special drainage pipes Ø40mm Steel frame covered with 80-100 µm anticorrosive primer coating and 70-80 µm special atmospheric influence proof alkyd paint Standard steel frame color RAL9006 or any other RAL color Welding operations according to LST EN 1090-2:2008+A1:2011
Roof	0,5 mm thick zinc-coated steel sheets, double bonded with special gasket Horizontal load-bearing wooden beams Snow load: 1,53 kN (150 kg/m ²) 100mm non-combustible mineralwool insulation, reaction to fire class A1 (EN 13 501-1) Thermal conductivity value U= 0,36 (W/m ² K) 0,2 mm PVC vapour isolation film Ceiling: 10mm laminated chipboard, white color, emission class E1
Walls	Special sandwich panels (prepainted zinc-coated steel sheet/ Polyisocyanurate insulation/ prepainted zinc-coated steel sheet) Standard panels thickness is 80mm , thermal conductivity value U= 0,27 (W/m ² K) Outer (facade) panels color RAL9006 Inner panels color RAL9002 (according to order size other thicknesses and colors available)
Floor	2,00 mm thick PVC flooring, reaction to fire class B2, wear class T, grey color PVC skirtings, grey color T/G sided 25 mm thick OSB panels, ready for class 2 wetrooms according to ENV 1995-1-1, emission class E1 100mm non-combustible mineralwool insulation, reaction to fire class A1 (EN 13 501-1) Thermal conductivity value U= 0,36 (W/m ² K)* 0,2 mm PVC vapour isolation film 0,5 mm trapezoidal zinc-coated steel sheet Floor load 2,04 kN (200 kg/m ²)
Windows	3-way openable, 1070x1000mm size, right handed PVC window, 1 pc. Non-openable, 1070x1000mm size PVC window, 1pc. Windows frame with 6 chambers and 24 mm (4/16/4) glass system Frame color white Thermal conductivity value U= 1,40 (W/m ² K) Sound reduction Rw – 35 dB Aluminium outer safety rollershutters, controlled from inside, white color, 2pcs.
Door	900x2033mm or 960x2033mm zinc-coated and prepainted outer entrance steel door with mineral wool insulation

Sound reduction R_w – 31 dB
Color RAL9006, grey
NEMEF (ASSA ABLOY) door lock

**Electrical
installation**

2 stationery outer built-in CEE 32A sockets, IP 44
IP44 distribution box in the ceiling
3 circuit breakers: C16A, C16A, C10A
Circuit leakage breaker 40 mA
4 inner sockets with on-wall PVC covers for cables
Light switch 10 AX, white color ; 2 double sockets with grounding, 230 V, 16 A, white color ;
2 LED 36W ceiling lamps, IP 65
Ceiling lamps cables covered in special hoses under the ceiling
Ventilation grills with ventilator 100m³/h, 13W, 0.12A, IP X4, 40dB (1m)

Heating

2kW electric convector heater with thermostat, IP24

**Requirements
for
foundations**

Might be concrete, wooden or steel made. At least 6 pillars for foundations needed
Strip foundations or concrete plates is also a welcome option
Foundations must be well ventilated and adopted to the local climate conditions (soil structure,
ground freeze depth, etc.) and containers loads
Only tide and smooth foundations guarantees proper installation and operation of containers

Lifting

Only forklift or crane must be used
Forklift must have at least 1400mm long „forks“
Crane must use 4 lifting slings with at least 60⁰ degrees angle between roof and sling
When loading or unloading only one container at a time is a requirement

The manufacturer reserves the right to change product parameters when implementing new solutions.

* The value is declared for insulation material placed between wooden beams of the same thickness as mineral wool.

Data: December 2019