

Note: this specification is standard. However, you can contact us to check if it is possible to adjust the characteristics of this container to your needs.
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OFFICE / LIVING CONTAINERS 20''

TECHNICAL DESCRIPTION

Dimensions

Outside mm			Inside mm			Area m ²	Volume m ³	Mass kg
Length	Width	Height	Length	Width	Height			
6055	2438	2591	5855	2238	2300	14	31	2150

Frame design

Material:

Cold-formed steel profiles, 2 ÷ 4 mm thick, steel St 37-2 DIN 17100.

Surface treatment:

Sandblasting SA 2.5, 15-20 microns thick epoxy coating, 30-40 microns thick epoxy primer, 60-80 microns thick vinyl-acrylic finishing layer.

Floor

Exterior panelling:

0.6 mm thick galvanized steel sheet.

Thermal insulation / Insulation:

100 mm mineral wool between steel profiles, heat conductivity $k = 0.33 \text{ W / m}^2\text{K}$

Vapor barrier:

50 microns thick polyethylene film

Floor:

22 mm thick waterproof chipboard without formaldehyde

Flooring:

1.5 mm thick PVC covering, welded joints

Ceiling

Exterior cladding:

0.5-0.6 mm thick galvanized steel sheet.

Thermal insulation / Insulation:

100 mm mineral wool between wooden ribs, heat conductivity $k = 0.36 \text{ W / m}^2\text{K}$

Vapor barrier:

50 microns thick polyethylene film

Interior panelling:

10 mm thick chipboard, covered with white (or light oak) film, PVC profiles

Drain:

4 pcs. of PVC pipes of 50 mm with angular branch pipes

Walls

Executions:

Wall panels with a total thickness of 50-70 mm, installation width of 1145 mm, doors, windows, sanitary outlets

Exterior panelling:

0.5 mm thick profiled and painted steel sheet.

Thermal insulation / Insulation:

50 ÷ 80 mm mineral wool between wooden ribs

Interior panelling:

10 mm thick chipboard covered with white (or light oak) film

Connections / Coatings:

PVC profiles covered with white (or light oak) film

Exterior doors

Steel version:

1.5 mm thick galvanized and painted steel frame

Door frame:

810/1950 mm clear opening, 850x2000 mm single-leaf door, 40 mm insulation, cylinder with 3 keys

Windows

880/1345 mm PVC window, glazed with 2-layer 4/16/4 mm frosted glass, with plastic roller blind with a strap

Electrical equipment

Voltage: 220/380 V, 50 Hz

CEE plug / 5-pole contact / 32A, hidden in the frame

Electric distribution cabinet with 13 / 16A automatic fuses

1-2 double fluorescent lamps of 1x58 W or 2x26 W with a protective plafond

220V sockets

Heating

2 kW electric wall convector with thermostat (5÷35°C)

Optional: fan, air conditioning

Coating

5-20 microns thick epoxy coating

30-40 microns epoxy primer

60-80 microns vinyl-acrylic finishing layer

Painting

Standard light gray paint RAL9002 (other RAL options are available at an additional cost)

Installation

A single container must be installed on the prepared wooden beams foundation located in 6 concrete points. The same applies when installing multiple containers in one system.

One container can be installed on the other one. The same level of

the foundation is required for proper installation and perfect position of the whole system.

Dimensions and depth of the foundation depend on local conditions and soil composition.

Wind resistance

Max. 100 km/h; appropriate fixation is required for 2-storied mounting.