

TECHNICAL DESCRIPTION

for

WC CABIN

In General:

The following description refers to the specification and design of standard WC cabins.

Dimensions (mm) and weights (kg):

Type	external			internal			weight
	length	width	height	length	width	height	
WC 5'	1,200	1,400	2,540	1,055	1,255	2,200	350
WC 8'	2,400	1,400	2,540	2,255	1,255	2,200	570

1.) FLOOR:

- frame construction:
 - cold rolled, welded steel profiles, 2 mm thick
 - 4 container feet, welded
 - steel cross members with omega profiles, thickness = 2.5 mm
- fork lift pockets 5' WC: 2 mm thick U-profile pockets
located on the front side of the cabin
centre to centre distance: 780 mm; inside clearance: 255 x 80mm
- forklift pockets 8' WC: 2 mm thick U-profile pockets
located on the side of the cabin
centre to centre distance: 900 mm; inside clearance: 255 x 80mm
- insulation: - 60 mm mineral wool slabs (density 16 - 24 kg/m³)
flammability class A - non combustible
smoke density class Q1 - low smoke emission
both in accordance with ÖNORM B 3800
- subfloor: - 0.63 mm thick, galvanised steel sheets
- floor: - 3 mm alu checker plate screwed to 22 mm chipboard
The chipboard complies with the emission value E1
(definition according to DIBt directive 100, version June 1994)

2.) ROOF:

- frame construction:
 - cold rolled, welded steel profiles, 2 mm thick
 - wooden cross members l x w = 80 x 40 mm
 - 2 or 4 lifting eyes
- roof cover:
 - 0.63 mm thick, galvanised steel sheet, sheet is riveted to the roof frame
 - 8' WC cabin: double folded joint over the whole width of the cabin
- insulation: - 160 mm mineral wool slabs (density 16 - 24 kg/m³)

flammability class A - non combustible
 smoke density class Q1 - low smoke emission
 both according to ÖNORM B 3800

- ceiling: - 10 mm chipboard (V 20), laminated on both sides, white
 The chipboard complies with the emission value E1
 (definition according to DIBt directive 100, version June 1994)

- CEE connectors: recessed in frame on short end side

3.) CORNER POSTS: - cold rolled steel profiles, 2 mm thick
 welded to the roof and floor frame

4.) WALL PANELS: - PU panels; thickness = 45 mm

- panel types: - full panel
 - door panel

- external cladding: - corrugated, galvanised and coated steel sheet; 0.6 mm thick
 colour: blue (similar to RAL 5010)

- insulation: - 45 mm polyurethane (PU), (density 35 - 40 kg/m³)
 - flammability class B2

- internal cladding: - galvanised steel sheet; 0.5 mm thick
 colour: white (similar to RAL 9010)

5.) PARTITION WALLS: - PU panels; thickness = 45 mm
 (8' WC only)

- insulation: - 45 mm polyurethane (PU), (density 35 - 40 kg/m³)
 - flammability class B2

- internal cladding: - galvanised steel sheet; 0.5 mm thick
 colour: white (similar to RAL 9010)

6.) DOORS: - right hand hinged
 - dimensions:
 nominal dimensions internal clearance
 875 x 2,000 mm 811 x 1,968 mm

- frame: - steel frame with three sided wraparound sealing

- door blade: - steel sheet galvanised on both sides with 40 mm insulation
 and integrated wire glazing 500 x 450 mm

- cylinder lock: - lockable from inside by turning handle

**7.) ELECTRICAL
 INSTALLATION:** construction: dampproof concealed cabling

- technical data: - recessed CEE external plug and socket connections
 - voltage 230 V
 - 50/60 Hz, 3 poles, 32 A
 - consumer box, surface type, dampproof, single-row
 - residual current operated device 40 A/0.03 A 2 poles
 - circuit breaker 13 A 2 poles

- circuit breaker 16 A 2 poles
- dampproof 2-way switch 2 modules
- all-glass lamp

- earthing: earthing conductor of galvanised flat steel and clamp.
The protective earthing installation on site must be carried out by the buyer/hirer.

8.) WATER INSTALLATIONS:

- water supply: supply with ½“ pipe through the cabin wall at the rear side
- internal: PVC piping
- waste water: The waste water is collected in PVC-pipes DN 50 or DN 100 (external diameter 50 or 110 mm) and discharged through the cabin rear wall. The buyer/hirer must feed the waste water into an authorised sewage network or sewage tank.

9.) HEATING:

Individual heating by frost heaters 0.5 kW/230 V
Mechanical air ventilation via extract fans.

Regular ventilation of the rooms must be provided – a relative humidity of 60 % at 20°C should not be exceeded in order to avoid condensation!

10.) INSULATION:

- floor: thickness = 60 mm U= 0.54 W/m² K
- roof: thickness = 160 mm U= 0.25 W/m² K
- external wall: thickness = 45 mm polyurethane U= 0.489 W/m² K
thickness = 60 mm polyurethane U= 0.375 W/m² K
(on request)

11.) WIND RESISTANCE:

At danger of strong winds the cabins must be secured adequately (for example with steel cables, etc.).

12.) ASSEMBLY / ERECTION:

A single cabin must be put either on 4 wooden or concrete foundation points. The cabins can also be positioned on concrete strips or concrete slabs.
Foundation parameters and frost depths have to be adapted to local soil and ground conditions.
Level foundations are a pre-requisite to enable a trouble free assembly and a perfect standing of the cabin.

13.) HANDLING:

- with fork lift
- with crane: angle between rope and horizontal line at least 60°
Due to construction and design, handling with spreader is not allowed.

14.) PAINT:

Physically drying lacquer, high weather and ageing resistance. Resistant against chemicals (industrial atmosphere), lasting elasticity, for ferrous and non-ferrous metal surfaces.

- floor: 70 µm PVC primer (corrosion protection)
- roof: topcoat in RAL colour
- wall panels with 25 µm paint thickness for standard RAL colours
surface coating: (RAL 5010/9010)
- frame: 30 - 60 µm PVC primer
30 - 40 µm PVC topcoat

We do not give any warranty for production caused colour deviation.

The buyer is responsible to ensure that magisterial and legal requirements concerning storage, assembly and use of the WC cabins are met.

Subject to technical alterations.