



Technical Description of the Quick Build Cabin

FOR THE USE AT SED FAIR 2006

Cabin Dimensions

height:	outside 2,415mm (approx. 7ft. 11') + jack rings inside: 2,210mm (approx. 7ft. 3')				
width:	outside: 2,400mm (approx. 7ft. 11') inside: 2,275mm (approx. 7ft. 6')				
length:	<table border="0" style="width: 100%;"> <tr> <td style="width: 150px;">QBC3.1*2.4:</td> <td>outside: 3,106mm (approx. 10ft. 2') inside: 2,975mm (approx. 9ft. 9')</td> </tr> <tr> <td>QBC4.1*2.4:</td> <td>outside: 4,106mm (approx. 13ft 6') inside: 3,975mm (approx. 13ft.)</td> </tr> </table>	QBC3.1*2.4:	outside: 3,106mm (approx. 10ft. 2') inside: 2,975mm (approx. 9ft. 9')	QBC4.1*2.4:	outside: 4,106mm (approx. 13ft 6') inside: 3,975mm (approx. 13ft.)
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flatpacked:	<table border="0" style="width: 100%;"> <tr> <td style="width: 150px;">QBC3.1*2.4:</td> <td>h=500, w=2,400, l=3,106mm</td> </tr> <tr> <td>QBC4.1*2.4:</td> <td>h=500, w=2,400, l=4,106mm</td> </tr> </table>	QBC3.1*2.4:	h=500, w=2,400, l=3,106mm	QBC4.1*2.4:	h=500, w=2,400, l=4,106mm
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Cabin Weights

own weight:	<table border="0" style="width: 100%;"> <tr> <td style="width: 150px;">QBC3.1*2.4:</td> <td>ca. 500kg (add ca. 20kg for insulated floor)</td> </tr> <tr> <td>QBC4.1*2.4:</td> <td>ca. 650kg (add ca. 30kg for insulated floor)</td> </tr> </table>	QBC3.1*2.4:	ca. 500kg (add ca. 20kg for insulated floor)	QBC4.1*2.4:	ca. 650kg (add ca. 30kg for insulated floor)
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parts weights:

item	QBC3.1*2.4	QBC4.1*2.4
sidewall	75kg	100kg
frontwall	60kg	60kg
outer roof panel	75kg	100kg
door	39kg	39kg
inner roof panels	10kg	13kg
floor, non-insulated	84kg	112kg
floor, insulated	100kg	130kg

all weights are approx.!

Cabin Construction:

- plastisol-coated/galvanized solidly built construction made of steel
- profiles made of galvanized steel, thickness 0.8 to 2.0mm
- outside colour similar to RAL9010, inside similar to RAL9010
- walls made of sandwich panels, thickness 40mm
walls are made of Z275 zinc coated steel according to DIN EN 10147 coated with plastisol 200µm, outside covering 0.63mm, inside covering 0.40mm, insulation 0.59 [W/sqmK]h, noise insulation value R is 25dB independent of thickness of the walls
- extremely loadable roof: 210kg/m²
- sturdy OSB 18mm wooden floor,
alternatively insulated OSB wooden floor (OSB sandwich, 30mm polyurethan foam)
load: 500kg/m² by evenly distributed load
- quick and easy assembly

- Drawings for the 3-m-unit available, 4-m-unit not available at present

Cabin's Resistance against fire:

in case of fire: panels apply to DIN 4102-1 Class B1 – difficult to inflame
also resistant against spewing fire and radiating heat according to
DIN 4102-7. PUR foaming is self-extinguishing and will not drop inflamed

OSB floor is made of wood!

Fire resistance of accessories (e.g. PVC-flooring, window) to be tested!

Cabin Equipment:

single door frontwall: w: 1000mm h: 2200mm
-clearance support (60mm ground clearance) underneath the wooden or
the optional insulated floor
for the safe forklift transport and ground ventilation
-4 jack rings as standard

Cabin Assembly:

with 3 people in 15 minutes (3.1x2.4m)
with 4 people in 20 minutes (4.1*2.4m)

required tools: hammer, screwdriver, allen wrenches 3+8mm, wrench

Cabin Transport:

by forklifter
by crane (to be tested)

Delivery

dismantled delivery as kit – saves freight charges
4 containers can be stacked up – saves storage space

delivery time:

10-15 working days

Useful accessories for the Quick Build Container SC3000

- turn/tilt window, one-hand-operated, 600*800mm
- 70mm built in depth, APTK sealings, resistance class 2, heat ins.: k 1.1
- protective grid for the window
- PVC-floor coating/PVC skirting boards
- air conditon unit
- convector unit
- insulated floor
- anti vandal security bar
- shelving system

IMPORTANT REMARKS:

**ALL DATA SUBJECT TO CHANGE! ALL DIMENSIONS AND WEIGHTS MAY SLIGHTLY VARY
AND ARE APPROXIMATE VALUES!**