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Windows

Frame Material - U-PVC; U = 0.7-1.8 W/m².k , or Aluminum-Frame

Glaze - Double-layer glass 4/16/4 U=3.0 W/m².k
(Optional Low-E insulated glass 4/16/4 U=2.3 W/m².k)

Hardware - Hinge and lever handle(JMS or, Doric or equivalent brand)

Electrical System



CEE Socket & Plug - 16A-50A; IP44-IP67

Conductor Sizes - 1.5 mm² up to 10 mm²

Rated Voltage - 110V-240V

Circuit Breaker - 10A/250V

Light Fitting - 2 x 36W

Standard - CE/AS/CSA/PSE/UL

Earthing - Galvanized strip iron earth electrode (25 x 4mm) with fastening (on site earthing installation to be carried out by client).

Coating Finish

Colour - Selection of RAL9002, RAL5010, RAL1018 or other available colours

Thickness - 100 µm for frames and 50µm for wall panels

Primer - Epoxy resin amine paint

Topcoat - Chlorinated rubber resin paint

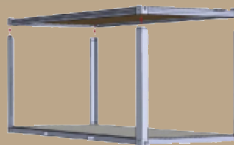
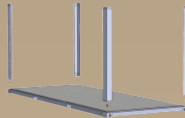
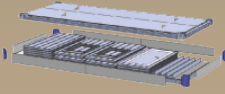
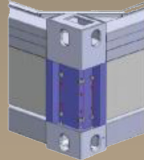
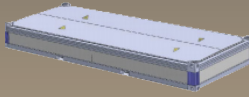
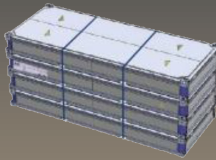
ASSEMBLING INSTRUCTIONS

Step 1 - Follow manufacturer's instructions when offloading the transpacks.

Step 2 - Place one transpack on a prepared foundations (6 foundation points or level surface)

Step 3 - Loosen transport columns (pillars). Care should be taken not to misplace screws, bolts and self-locking hexagon nuts.

Step 4 - Lift up the roof frame. Remove the transitional supports and covers. Make sure all components supplied should be kept under dry environment.



Step 5 - Place the corner posts with the shorter nose down and fit into the floor frame.

Step 6 - Tighten the corner posts with the self-locking hexagon nuts provided.

Step 7 - Place the roof frame into position and tie it down with self-locking hexagon nuts.

Warning: No one is allowed to stand inside the building when the installing roof panel.

Step 8 - Tightly bolt the corner posts to the roof and floor frames using 90 Nm torque for M12 nuts and 150 Nm for M16 nuts.

Step 9 - Inspect the frame integrity and make sure all the tracks are free of packing material, screws, nuts or tools.

Step 10 - Install the wall panels including the assembly panels pre-fitted with doors and windows.

Refer to the following pictures for connection details:

Step 11 - Reconnect the pre-wired electrical cables using the quick plug in connectors.

Step 12 - Fit corner cover trims.

Step 13 - Screw down top trims.

Step 14 - Fit the plastic trims between panel joints

Note:

No trim should be used between steel-coated panels.

Step 15 - Fit skirting using provided screws.

3 REASONS
WHY YOU
SHOULD
CHOOSE US



STRONGER



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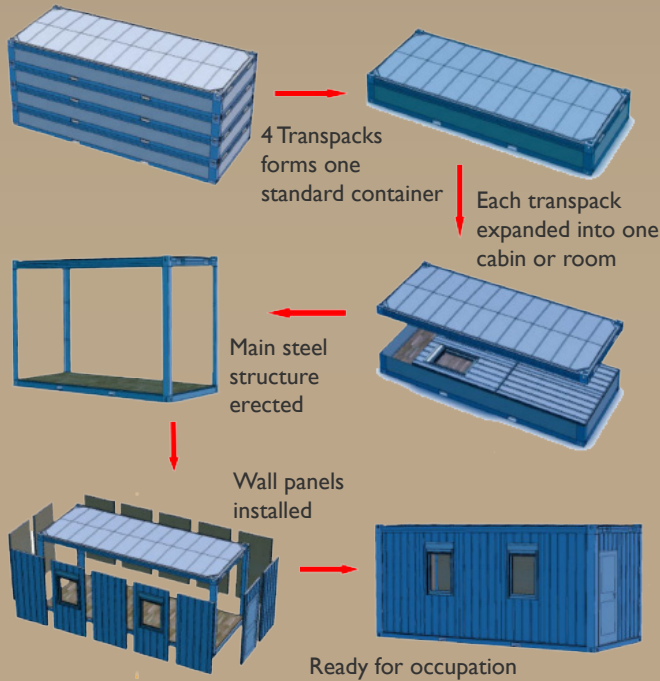
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As featured in



INTRODUCTION

Transforming a standard container into 4 cabins/rooms in houses ...



TECHNICAL SPECIFICATIONS

Standard Dimensions:

Length x Width = 20' x 8' (6058 mm x 2438 mm)
 Length x Width = 40' x 8' (12192 mm x 2438 mm)
 Wall Height: 2438 mm
 Ceiling Height: ≥ 2400 mm
 (Note: Customised non-standard sizes can be fabricated but could possibly incur higher shipping cost.)

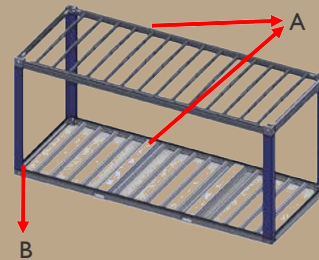
Maximum Wind Resistance

102Km/h

Approximate Unit Weight

Standard 20' x 8' Transpack: 2000 kg each
 Standard 40' x 8' Transpack: 4000 kg each

Prefabricated Modular Frame



Structure Steel
 High-strength galvanized Q235B steel structure frame including roof, floor and corner posts.
A Roof and floor - Welded frame using 4mm thick cold rolled steel;
B Corner post - 4mm thick cold rolled steel post with welded strengthen end pieces



Corner posts are bolted to floor and roof frame

Insulation Material

Mineral Wool

- Density: 120 kg/m³
- U = 0.25 w/m².K
- K = 0.044 w/m.k
- Non-combustible
- Low smoke emission
- Hygroscopic Coeff ≤5%

PU Foam

- Density: 40 kg/m³
- U = 0.044 w/m².K
- K = 0.019 w/m.k
- Hardly combustible
- Low smoke emission
- Hygroscopic Coeff ≤4%

Roof

Steel Frame - 4mm thick cold rolled steel
Roofing Sheet - 1.6mm corrugated steel
Ceiling Panels - 50mm sandwich panels

Floor

Steel Frame - 4mm thick cold rolled steel
Insulation - 50mm PU foam or 50mm rock wool
Base Protection Sheet - 0.5mm galvanized steel sheet
Floor Covering - 5 mm PVC flooring (density of 1900kg/m³ with micro bevel & fiberglass treatment)
Floor Board - Structural water resistant OSB (Oriented Strand Board)

- Emission value EI
- Compression strength ≥ 35.7 MPa
- Formaldehyde emission ≤ 0.4mg/100g
- Hardly combustible
- Low smoke emission
- Vinyl layer thickness 1.5 mm

Wall Panels

Exterior Cladding - 0.5mm thick corrugated or flat galvanized and coated steel sheet
Insulation - 50mm / 75mm / 100mm rock wool or PU
Interior Cladding - 0.5mm thick corrugated or flat galvanized and coated steel sheet

Doors

Frame - steel or aluminum
Insulation - 40mm rock wool or PU
Finish - 0.5mm galvanized and coated steel sheet