Products Catalogue

两旺贸易私人有限公司
Lian Wang Trading Pte Ltd
Lian Wang Trading Pte Ltd has become a prominent provider in the construction industry. Established since 1992, Lian Wang now offers a wide range of AAC/ALC Panels & Blocks, bricks, concrete pavers, bricks tiles and other constructions materials to the local companies. With more than 25 years of experiences and knowledge, Lian Wang Trading Pte Ltd has established itself as a reliable, respectable and responsible one stop service provider for our clients.

As the world move towards an environmental friendly and eco-green industry, we set up a subsidiary company “Greatwall Panel Pte Ltd”, to produce Autoclaved Lightweight Concrete Panels for upcoming projects. Greatwall Panel is a solid lightweight concrete wall system that is designed for fast installation with minimal wastage with 4-hour fire rating, resulting in significant cost savings.

In additional, to cater the increasing demand of concrete interlocking and clay paver, we have also set up a subsidiary company “Jia Wang Paving Supplies Pte Ltd” for our client’s convenience. Always in the forefront to bring quality pavers to our local shores. With a fleet of twenty-six Lornies with crane, we ensure prompt delivery and best service in an efficient way to our clients. Throughout the years, Lian Wang has developed from a humble to a reputable providing high standard quality of products and excellent services to its clients.
QUALITY BRANDS

Bricks / Blocks / Pavers Brands

Pre-Packed Dry Mix Brands

Cement Brands

Steel Mesh / Steel Bar Brands

Prefabricated Concrete / Lightweight Panel Brands

CERTIFIED FIRE RATED PRODUCTS

Solid Brick
1st Grade (KL)
With 2 hour Fire Rated
Size : 215 x 100 x 68 mm
Packing : 600 pcs/pallet, 9 pcs/load

10 Holes Clay Block (KL)
With 2 hour Fire Rated
Size : 215 x 100 x 135 mm
Packing : 384 pcs/pallet, 9 pcs/load

CMU-100mm Solid Concrete Block
With 2 hour Fire Rated
Size : 390 x 190 x 100 mm
Packing : 200 pcs/pallet, 10 pcs/load

Fire Rated
Solid Concrete Brick
With 4 hour Fire Rated
Size : 190 x 90 x 90 mm
Packing : 500 pcs/pallet, 10 pcs/load

Concrete Masonry Unit (CMU Full Block)
Size :
- a: 390 x 190 x 100 mm
  (with mix / Heavy Fire Rated)
- b: 200 x 190 x 100 mm
  (with mix / 2 hour Fire Rated)
- c: 200 x 100 x 100 mm
  (with mix / 2 hour Fire Rated)
Packing : 122 pcs/pallet, 11 pcs/load

Light Weight
Concrete Block
With 4 hour Fire Rated
Size : 600 x 300 x 100 mm
Packing : 180 pcs/pallet, 10 pcs/load

LeichtPanel
(ALC/AAC Panel)
Size : 3000 x 600 x 100 mm
Packing : 8 pcs/pallet, 100 pcs/load

ECO Panel
Size :
- a: 1000 x 600 x 100mm
- b: 1000 x 600 x 150mm
- c: 1000 x 600 x 200mm
Packing : 50 pcs/pallet, 100 pcs/load

Davco
LANKO
E-MIX
asiamortar
Davco
LANKO
E-MIX
asiamortar
LAFARGE
PORTLAND CEMENT
ONODER
UNICORN
NatSteel
BB
LeichtBric
Premium AG
CLAY BRICK

SK 30 Fire Brick
Size: 230 x 114 x 65 mm
Packing: 320 pcs/plt

M2 Solid Brick 1st Grade
Size: 190 x 90 x 68 mm
Packing: 750 pcs/plt, 9 pcs/load

M211 3 Holes Modular Brick
Size: 210 x 90 x 90 mm
Packing: 468 pcs/plt, 12 pcs/load

10 Holes Clay Block
Size: 215 x 100 x 135 mm
Packing: 584 pcs/plt, 9 pcs/load
b: 600 pcs/plt, 9 pcs/load
c: 444 pcs/plt, 12 pcs/load

3 Holes Clay Block
Size: 215 x 100 x 135 mm
Packing: 584 pcs/plt, 9 pcs/load
b: 600 pcs/plt, 9 pcs/load
c: 444 pcs/plt, 12 pcs/load

FACING BRICK / GLASS BLOCKS

M211 Smooth Facing Brick (Red)
Size: 190 x 90 x 90 mm
Packing: 709 pcs/plt

Smooth Facing Brick (Red) (4 Sided)
Size: 215 x 100 x 68 mm
Packing: 496 pcs/plt

M211 Single Bullnose
Size: 190 x 90 x 90 mm
Packing: 709 pcs/plt

10 Holes Smooth Facing Brick (Red) (HS)
Size: 215 x 100 x 68 mm
Packing: 588 pcs/plt, 9 pcs/load

Mula Glass Block - Clear
Code: 9500
Size: 190 x 190 x 95 mm
Packing: 6 pcs/box

Mula Glass Block - Quadra
Code: 9501
Size: 190 x 190 x 95 mm
Packing: 6 pcs/box

Mula Glass Block - Wave
Code: 9502
Size: 190 x 190 x 95 mm
Packing: 6 pcs/box
**FACING BRICK TILE**

**Smooth Facing Tile (636)**
- Size: 240 x 60 x 11 mm
- Packing: 60 pcs/Carton (1 Carton = 1m²)

**Smooth Facing Tile (883)**
- Size: 240 x 60 x 11 mm
- Packing: 60 pcs/Carton (1 Carton = 1m²)

**Smooth Facing Tile (6322)**
- Size: 240 x 60 x 11 mm
- Packing: 60 pcs/Carton (1 Carton = 1m²)

**Smooth Facing Tile (2301)**
- Size: 240 x 60 x 11 mm
- Packing: 60 pcs/Carton (1 Carton = 1m²)

**Wire Cut Tile (6107)**
- Size: 240 x 60 x 11 mm
- Packing: 50 pcs/Carton (1 Carton = 0.8m²)

**Culture Tile LPZ - 18A**
- 1m² = 1 Carton
- Size: 205 x 64 x 14 mm

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**BRICK TILES (EUROPEAN)**

*please visit our website for full range of designs & colours*
CMU BLOCK / HOLLOW BLOCK / PC VENT

- **CMU - 100 mm Solid Concrete Block (2 Hours Fire Rated)**
  - Size: a: 240 x 190 x 100 mm
  - Packing: 160 pcs/plt, 10 plts/load

- **Concrete Masonry Unit (CMU Full Block)**
  - Size: a: 250 x 190 x 90 mm
  - b: 350 x 190 x 140 mm
  - c: 350 x 190 x 190 mm
  - Packing: a: 122 pcs/plt, 11 plts/load
  - b: 96 pcs/plt, 11 plts/load
  - c: 72 pcs/plt, 12 plts/load

- **Concrete Masonry Unit (CMU Half Block)**
  - Size: a: 190 x 190 x 90 mm
  - b: 190 x 190 x 140 mm
  - c: 190 x 190 x 190 mm
  - Packing: a: 250 pcs/plt, 11 plts/load
  - b: 190 pcs/plt, 11 plts/load
  - c: 150 pcs/plt, 12 plts/load

- **Concrete Masonry Unit (CMU Bond Beam)**
  - Size: a: 190 x 190 x 90 mm
  - b: 250 x 190 x 140 mm
  - c: 290 x 190 x 190 mm
  - Packing: a: 122 pcs/plt, 12 plts/load
  - b: 94 pcs/plt, 10 plts/load
  - c: 72 pcs/plt, 12 plts/load

- **P.C Vent Block With Netting (Wet Cast)**
  - Size: a: 190 x 190 x 100 mm
  - b: 390 x 190 x 200 mm
  - Packing: a: 110 pcs/plt, 11 plts/load
  - b: 50 pcs/plt, 11 plts/load

- **Hollow Block**
  - Size: a: 450 x 190 x 65 mm
  - b: 390 x 190 x 100 mm
  - Packing: a: 180 pcs/plt, 10 plts/load
  - b: 120 pcs/plt, 10 plts/load

AUTOCLAVE LIGHTWEIGHT CONCRETE (AAC/ALC) BLOCK & PANELS

- **Light Weight Concrete Block (AAC)**
  - Size:
    - a: 600 x 200 x 50 mm
    - b: 600 x 200 x 75 mm
    - c: 600 x 200 x 100 mm
    - d: 600 x 200 x 150 mm
    - e: 600 x 300 x 200 mm
  - Packing:
    - a: 200 pcs/plt, 12 plts/load
    - b: 140 pcs/plt, 10 plts/load
    - c: 120 pcs/plt, 10 plts/load
    - d: 90 pcs/plt, 10 plts/load

- **Autoclaved Aerated Concrete (Autoclaved Lightweight Concrete) Eco Panels**
  - Light: 1.0 Meter Panels
  - Width: 600 mm
  - Thickness: 100mm, 150mm & 200mm
  - SCDF COC / DOC Class Type S (Up to 4H Fire Rating @100mm)
  - Category under “Lightweight Concrete Panel” (BCA Code of Practice Buildability 2017)
  - Tested to STC 48 @ 100mm thickness (with plastering)
  - Cost-Effective compared to other Hollow-Core & Other “Lightweight” Solutions

- **Autoclaved Aerated Concrete (Autoclaved Lightweight Concrete) LichtPanel**
  - Light: 3.0 Meter Panels (Customized Size Available)
  - Width: 600 mm
  - Thickness: 100mm, 150mm & 200mm
  - SCDF COC / DOC Class Type S (Up to 4H Fire Rating @100mm)
  - Category under “Lightweight Concrete Panel” (BCA Code of Practice Buildability 2017)
  - Tested to STC 48 @ 100mm thickness (with plastering)
  - Cost-Effective compared to other Hollow-Core & Other “Lightweight” Solutions
AUTOCLOVED LIGHTWEIGHT CONCRETE PANEL (ALC)

FEATURES:

Light Weight
At 650/m3 LeichtBric Panel is one third or half-light than the equivalent fired clay brick. This unique characteristic leads to save the materials required for frame and foundation of the building as well ease the construction and delivery process.

Acoustic Insulation
LeichtBric Panel has natural sound insulation thanks to its porous structure and ability to dampen mechanical vibration energy. The sound coming from inside or outside of the room moves in Zig Zag direction, in which it will split up and minimized substantially before going through the all.

Thermal Insulation and Energy Efficiency
LeichtBric Panel is very low thermal conductivity. Building space tends to be cooler in summer and warmer in winter hence saving of energy consumption of up to 40% can be achieved from air conditioning.

AUTOCLOVED LIGHTWEIGHT CONCRETE PANEL (ALC)

Table: Achieve Lenght and Thickness

<table>
<thead>
<tr>
<th>Thickness (mm)</th>
<th>75</th>
<th>100</th>
<th>150m</th>
<th>200</th>
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</thead>
<tbody>
<tr>
<td>Maximum Lenght (mm)</td>
<td>1.2m to 6m</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Fire Resistant
LeichtBric Panel is able to hold structural integrity under the heat of 1200 degrees Celsius in the event of a normal fire. Furthermore it is capable of being fire resistant of within 4 hours.

Durability
LeichtBric Panel is highly uniform in which the concrete structure is cured in high pressured saturated steam. The manufacturing outcome produce solid structure including tobermorite. This helps it achieve high compressive strength of at least 4.0Mpa among other light weight construction materials.

Environmentally Friendly
LeichtBric Panel is an ecologically friendly building product, starting from raw materials to the production process. It cuts down toxic waste and emissions which are harmful to the environment that can cause greenhouse effect.
**AUTOCLAVED LIGHTWEIGHT CONCRETE PANELS (ALC)**

**SAND, AGGREGATES, CHIPPING & ARCHITECTURAL ACCESSORY.**

| 5S Strength Class |  
|-------------------|---|
| Dry Density (BSEN 771-13) Nominal Density | +/- 600kg/m³  
|  | +/- 750kg/m³  
| Compressive Strength (BSEN 771-1) | > 5.00 N/mm²  
| STC Rating | 100mm - 39dB (Bare Wall)  
| ISO 140 & ASTM E90 | 100mm - 43dB (Skim)  
| | 100mm - 48dB (Plastered)  
| Fire Rating (BS 476-4) | up to 4H @ 100mm  
| Impact & Stiffness (SS492) | Severe Duty  
| Pull Out - Pass | Pull Down - Pass  
| Wash Basin - Up tp 1500N | Cabinets - Up to 4000N

* Please refer to test report for details of test method & build - up of AAC Wall. These test values are obtained from laboratory testing and not guarantee of performance, which depend on workmanship.

** Galvd Exmet (Brickmesh / Collmesh)**

- **Size**: a: 65mm x 0.35mm x 14m  
- **Pack**: 7 strips/coll, 96 colls per box  
- **Size**: b: 100mm x 0.35mm x 14m  
- **Pack**: 7 strips/coll, 60 colls per box

**Galvd Stripmesh (Plastering Mesh)**

- **Size**: a: 100mm x 1.2m x 0.35mm  
- **Pack**: 100 strips/bundle  
- **Size**: b: 100mm x 1.2m x 0.35mm  
- **Pack**: 40 strips/bundle  
- **Size**: c: 200mm x 1.2m x 0.35mm  
- **Pack**: 24 colls/box

**Damp Proof Course**

- **Size**: a: 115mm x 8m  
- **Pack**: 24 colls/box  
- **Size**: b: 200mm x 8m  
- **Pack**: 190 pcs/box

**Concrete Sand (White)**

**Plaster Sand**

**20mm Aggregate**

**9 - 12mm Chipping**

**Fine Sand**

**Galvd Frame Tie (Corrugated)**
ARCHITECTURAL ACCESSORY.

Corner Bead
Packing: 25 pcs/bundle

PVC Protecting Sheet (Black)
Size: 40m x 1.5m x 0.3mm
Core Pack: 60m/4 sheet
Packing: 60m/roll

Self Adhesive FiberMesh
Size:
- a: 100mm x 8.5m/60FT
- b: 50mm x 50m/160FT
Packing:
- a: 27 roll/box
- b: 54 roll/box

L Bracket (FT40)
With two pins
Size:
- 150mm(L) x 50mm (H)
- 40mm (W)
Thickness: 3mm
Packing: 20 sets per box

L Bracket (AL150)
Size:
- 150mm(L) x 50mm (H)
- 60mm (W)
Thickness: 3mm
Packing: 50 sets per box

Tooth Trowel
Size:
- 320mm(L) x 105mm(W)

“Mars” Concrete Saw
Size: 24"

1 tonne Jumbo Bag
Brand: Great Wall
Size: 85 x 85 x 80cm
Type: 4 lift loops
Made: Polypropylene

Pebbles Stone

DAVCO RED FLAG STORE

ONE-STOP BUILDING SUPPLIES

Markers | Tile Adhesives | Technical Mortars | Waterproofing

Visit the Premier RED FLAG STORE to learn more about the different usage and speciality of DAVCO & LANKO products.
CEMENT & DRY MIX PRODUCTS

- E-Mix Easi Render - Eco
  Packing: 40kg/bag, 50bags/plt

- E-Mix Easi Screed - Eco
  Packing: 40kg/bag, 50bags/plt

- E-Mix Tile Fix 303 Grey
  Packing: 40kg/bag, 50bags/plt

- Emix WP Screed - Eco
  Packing: 40kg/bag, 50bags/plt

- Emix Joint Mortar Grey
  Packing: 40kg/bag, 50bags/plt

- Emix PE Non Shrink Grout
  Packing: 25kg/bag, 60bags/plt

- Emix DP Non Shrink Grout
  Packing: 25kg/bag, 60bags/plt

- Emix Bond Admix
  Packing: 5lt/pail, 24pail/plt

- White Cement
  Packing: 40kg/bag, 40bags/plt

- SK 30 Refractory Mortar
  Packing: 25kg/bag, 40bags/plt

JIA WANG PAVING SUPPLIES PTE LTD - INTERLOCKING CONCRETE PAVERS

- Flexipave / Quadpave
  Size: 198mm x 98mm
  Area Coverage: 49.5 pieces/m²
  Thickness: 60/80/100mm
  Approximate Weight: 2.45/2.4/3.18kg

- Sunpave / Uni-Pave
  Size: 225mm x 118mm
  Area Coverage: 59.5 pieces/m²
  Thickness: 60/80/100mm
  Approximate Weight: 3.1/4.2/5.45kg

- Uni-Espave
  Size: 220mm x 190mm
  Area Coverage: 54.7 pieces/m²
  Thickness: 60
  Approximate Weight: 3.1kg
**JIA WANG PAVING SUPPLIES PTE LTD - INTERLOCKING CONCRETE PAVERS**

**Trafika**
- **Size**: 225mm x 197mm
- **Area Coverage**: 29 pieces/m²
- **Thickness**: 90-100mm
- **Approximate Weight**: 5.8-7.25kg

**Uni-Grasspave**
- **Size**: 336mm x 223mm
- **Area Coverage**: 12.2 pieces/m²
- **Thickness**: 80mm
- **Approximate Weight**: 3.1/4.2/5.43kg

**Visually Impaired Slabs Visually**
- **Size**: a. 300mm x 300mm
  b. 400mm x 400mm
- **Area Coverage**: a. 11.11 pieces/m²
  b. 6.25 pieces/m²
- **Thickness**: a. 28mm
  b. 40mm

*Non-standard sizes are Subject to a minimum quantity of 5000m² per order*

**Neu Pare Pavers**
- **Size**: Customizable
- **Area Coverage**: According to Profile
- **Thickness**: 60mm/90mm

*Non-standard sizes are Subject to a minimum quantity of 5000m² per order*

**Prime Pavers**
- **Size**: a. 200 x 200 mm
  b. 400 x 400 mm
  c. 600 x 600 mm
  d. 800 x 800 mm
- **Thickness**: 40/60mm
- **Approximate Weight**: 4.0 kg

*Non-standard sizes are Subject to a minimum quantity of 5000m² per order*
## European Pavers

### Product Sizes & Quantities

<table>
<thead>
<tr>
<th>Size</th>
<th>Depth</th>
<th>Quantity (per m²)</th>
<th>Quantity (per bale)</th>
<th>Bale size</th>
</tr>
</thead>
<tbody>
<tr>
<td>240 x 160mm</td>
<td>60mm</td>
<td>26</td>
<td>360</td>
<td>13.82 m²</td>
</tr>
<tr>
<td>160 x 160mm</td>
<td>60mm</td>
<td>39</td>
<td>504</td>
<td>12.90 m²</td>
</tr>
<tr>
<td>120 x 160mm</td>
<td>60mm</td>
<td>52</td>
<td>672</td>
<td>12.90 m²</td>
</tr>
<tr>
<td>240 x 160mm</td>
<td>80mm</td>
<td>26</td>
<td>300</td>
<td>11.52 m²</td>
</tr>
<tr>
<td>160 x 160mm</td>
<td>80mm</td>
<td>39</td>
<td>360</td>
<td>9.23 m²</td>
</tr>
<tr>
<td>150 x 160mm &amp;</td>
<td>60mm</td>
<td>156 units of</td>
<td>432</td>
<td>13.82 m²</td>
</tr>
<tr>
<td>240 x 160mm</td>
<td></td>
<td>each size</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Mixed bales include an equal number of all sizes.**

## Welded Mesh / Reinforcement Bars

### Standard Mesh

#### Standard Metric Fabric

<table>
<thead>
<tr>
<th>Size</th>
<th>Spacing</th>
<th>Size</th>
<th>Spacing</th>
<th>Main</th>
<th>Cross</th>
<th>Cross-sectional area (mm²/m)</th>
<th>Unit Area (Kg/m²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS961</td>
<td></td>
<td>SS32</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Square Meshes

- **WA13 A13**
  - 13 mm Spacing
  - 200 mm Size
  - Main: 664 m²
  - Cross: 664 m²
  - Unit Area: 10.42 Kg/m²
- **WA12 A12**
  - 12 mm Spacing
  - 200 mm Size
  - Main: 566 m²
  - Cross: 566 m²
  - Unit Area: 8.88 Kg/m²
- **WA11 A11**
  - 11 mm Spacing
  - 200 mm Size
  - Main: 475 m²
  - Cross: 475 m²
  - Unit Area: 7.46 Kg/m²
- **WA10 A10**
  - 10 mm Spacing
  - 200 mm Size
  - Main: 393 m²
  - Cross: 393 m²
  - Unit Area: 6.16 Kg/m²
- **WA9 A9**
  - 9 mm Spacing
  - 200 mm Size
  - Main: 318 m²
  - Cross: 318 m²
  - Unit Area: 4.99 Kg/m²
- **WA8 A8**
  - 8 mm Spacing
  - 200 mm Size
  - Main: 251 m²
  - Cross: 251 m²
  - Unit Area: 3.95 Kg/m²
- **WA7 A7**
  - 7 mm Spacing
  - 200 mm Size
  - Main: 193 m²
  - Cross: 193 m²
  - Unit Area: 3.02 Kg/m²
- **WA6 A6**
  - 6 mm Spacing
  - 200 mm Size
  - Main: 142 m²
  - Cross: 142 m²
  - Unit Area: 2.22 Kg/m²

*WB8 to WB13 and WD6 to WD13 available

### Steel Mass for Various Reinforcement Bar Sizes

<table>
<thead>
<tr>
<th>Diameter(mm)</th>
<th>Mid Steel Round Bar</th>
<th>Deformed Bars</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>0.022</td>
<td>0.220</td>
</tr>
<tr>
<td>8</td>
<td>0.035</td>
<td>0.320</td>
</tr>
<tr>
<td>10</td>
<td>0.047</td>
<td>0.400</td>
</tr>
<tr>
<td>12</td>
<td>0.059</td>
<td>0.480</td>
</tr>
<tr>
<td>16</td>
<td>0.080</td>
<td>0.600</td>
</tr>
<tr>
<td>20</td>
<td>0.101</td>
<td>0.800</td>
</tr>
<tr>
<td>22</td>
<td>0.114</td>
<td>1.000</td>
</tr>
<tr>
<td>25</td>
<td>0.135</td>
<td>1.200</td>
</tr>
<tr>
<td>32</td>
<td>0.194</td>
<td>1.600</td>
</tr>
<tr>
<td>40</td>
<td>0.253</td>
<td>2.000</td>
</tr>
<tr>
<td>50</td>
<td>0.312</td>
<td>2.400</td>
</tr>
</tbody>
</table>

| Mass (kg/mm) | 0.220               | 0.320         |
|             | 0.400               | 0.480         |
|             | 0.600               | 0.800         |
|             | 0.800               | 1.000         |
|             | 1.000               | 1.200         |
|             | 1.200               | 1.600         |
|             | 1.600               | 2.000         |
|             | 2.000               | 2.400         |
|             | 2.400               | 2.800         |

| Length(mm) | 6  | 8  | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
|------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| Diameter   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Mass (kg/mm)| 0.220| 0.320| 0.400| 0.480| 0.600| 0.800| 1.000| 1.200| 1.600| 2.000| 2.400| 3.000| 4.000| 5.000| 6.000| 8.000| 10.000

| Weight (kg/m²) | 6  | 8  | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
|---------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| Diameter      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Mass (kg/mm)  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

* Specifications may vary
PLYWOOD & TIMBER

We supply quality Timber and Plywood of various sizes.

MILD STEEL PLATES

We supply and Rent New/Used Mild Steel Plates for your construction needs.
20FT FOLDABLE CONTAINER

Easy Folding Container

Suit for Store Room Office
- Save space
- Save time
- Save cost

1. SAVE TIME

As the newest and special design, the folding container is very easy to install.

The installation only need 10 minutes to finish. When you want to move to other place, the recovery is the same.

So it can help you save a lot of time for installation and transport.

2. SAVE COST

Save Transportation cost
Folding container can load into 14ton lorry.

Save Installation cost
4 workers can finish it set in only 10 minutes. So it will help you to save lots of labor cost and installation cost.

Save Storage cost
When the container is folded, the height is only 350mm.

3. WIDELY USE

Different design for your requirements

- Dormitory
- Office
- Storage
- Toilet

Main materials:
1. Steel structure
2. 40mm iEPS sandwich panel for walls & roof
3. Aluminum sliding windows with security bar
4. iEPS door
5. 15mm cement board for floor (with painted surface)

20ft Foldable Container (RM-6410)

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Exterior</strong></td>
<td><strong>Interior</strong></td>
</tr>
<tr>
<td>Length</td>
<td>5810mm</td>
</tr>
<tr>
<td>Width</td>
<td>2910mm</td>
</tr>
<tr>
<td>Height</td>
<td>2010mm</td>
</tr>
<tr>
<td><strong>Fittings</strong></td>
<td><strong>Office (2-4 Pax)</strong></td>
</tr>
<tr>
<td>Length</td>
<td>5700mm</td>
</tr>
<tr>
<td>Width</td>
<td>2420mm</td>
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<tr>
<td>Height</td>
<td>2440mm</td>
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<tr>
<td><strong>Electrical</strong></td>
<td>Light Storage Accommodation</td>
</tr>
<tr>
<td>4 x 18W/230V LED Lamp</td>
<td></td>
</tr>
<tr>
<td>3 x 15A Single Switch</td>
<td></td>
</tr>
<tr>
<td>1 x 15A Air-con Powerpoint</td>
<td></td>
</tr>
<tr>
<td>1 x 32A/220V DB BOX</td>
<td></td>
</tr>
<tr>
<td><strong>Exterior</strong></td>
<td>Industrial Paint Finish</td>
</tr>
<tr>
<td><strong>Climate</strong></td>
<td>12000BTU Portable aircon unit</td>
</tr>
<tr>
<td>Ventilation Unit</td>
<td></td>
</tr>
</tbody>
</table>
BB WALL PANEL

LIGHTER • FASTER • STRONGER
Prefabricated Sandwich Panel

10 year Warranty
Durable
Fast and simple installation
Exceptionally low water permeability
High lateral load capacity
Minimal components
Effective acoustic insulation
High fire resistance
Lightweight

COMPARISON TABLE

<table>
<thead>
<tr>
<th>Requirement</th>
<th>BB Wall Panel (100mm)</th>
<th>ALC Block (100mm)</th>
<th>Hollow Core Concrete Panel (100mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight per sqm surface area</td>
<td>84 kg</td>
<td>65 kg</td>
<td>140 kg</td>
</tr>
<tr>
<td>Fire Rating</td>
<td>281 mins</td>
<td>240 mins</td>
<td>120 mins</td>
</tr>
<tr>
<td>Sound insulation</td>
<td>43 dB</td>
<td>36 dB</td>
<td>42 dB</td>
</tr>
<tr>
<td>Usage in Wet Areas</td>
<td>Yes</td>
<td>Plastering Required</td>
<td>Plastering Required</td>
</tr>
<tr>
<td>On-site Installation of Concealed Wiring, Ducting &amp; Pipework</td>
<td>By Cutting</td>
<td>Hacking Required</td>
<td>Hacking Required</td>
</tr>
<tr>
<td>Surface Appearance</td>
<td>Smooth (No plastering or skim coat required)</td>
<td>Plastering and Skim Coat Required</td>
<td>Plastering and Skim Coat Required</td>
</tr>
<tr>
<td>Joint Treatment</td>
<td>Flexible Acrylic Joint Compound applied to protect joints</td>
<td>Plastering and Skim Coat Required</td>
<td>Plastering and Skim Coat Required</td>
</tr>
</tbody>
</table>

TESTED • CERTIFIED • TRUSTED
Singapore

Green Label Singapore
BB Wall Panels has been awarded the prestigious Green Label by the Singapore Environmental Council for its environmentally friendly properties. The Green Label is an internationally recognized certification in more than 22 countries worldwide including Germany, United States of America and Japan.

ISO 14001
BB Wall Panels has been extensively tested for strength and robustness under the ISO 14001 standard as well as comprehensive strength and water absorption tests. SETSCO Singapore an internationally recognized testing institution is the certification body for BB Wall Panels. The multitude of tests carried out proves the outstanding strength and durability properties of the BB Wall Panel.

TUV
TUV is an internationally recognized testing institution headquartered in Germany. TUV Singapore is the certification body for BB Wall Panels for tests involving toxicity (BS 6463) and thermal conductivity (ASTM C177). Both test results show that BB Wall Panels do not emit harmful levels of toxic gases and provides excellent thermal properties.

ISO 9001
Building Bloks achieved the international ISO 9001 certification in our commitment to high product quality standards and standardization of manufacturing processes. This ensures that our customers can consistently rely on us to be a trusted and reliable supplier to their building needs.
LIGHT PRODUCTS

LED Light Strips Adapter (150W)
(Indoor Use)

LED Light Strips Adapter (150W)
(Indoor Use)

LED Light Strips Adapter (250W)
(Outdoor & Indoor Use)

LED Light Strips

Model : HY - LS
Length: 5 Meter
Colour: White, Yellow, Blue
(Indoor & Outdoor)

LED Floodlight Rack (100W)
Model : HY - FL100
Size: 335mm x 245mm
Colour: White

LED Floodlight Rack (50W)
Model : HY - FL50
Size: 270mm x 200mm
Colour: White

LED Floodlight Rack (30W)
Model : HY - FL30
Size: 165mm x 140mm
Colour: White
Lian Wang Trading Pte Ltd

10 Senoko Loop, Singapore 758148
T : 6368 7277
F : 6362 2179
E : lianwang@singnet.com.sg
W: www.bricktiles.com
www.claybricks.com.sg
www.concretepavers.com.sg

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