



# Products Catalogue

两旺贸易私人有限公司  
Lian Wang Trading Pte Ltd



## ABOUT US

**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 Lorries 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.

## MISSION, VISION & CORE VALUES

### Mission

Our Mission is to actively search for Green Building Products, understanding market Demand and provide excellent services to our customers.

### Vision

Our Vision is to become Singapore Leading Suppliers for Building Materials, working hand in hand with our customer to acquire and promote green products so as to achieve mutual growth and profitability.

### Core Values

- Customer Oriented
- Trust & Reliability
- Ability to take ownership
- Quality Assurance
- Unity
- Resilient & Hardworking



# QUALITY BRANDS

## Bricks / Blocks / Pavers Brands



## Pre-Packed Dry Mix Brands



## Cement Brands



## Steel Mash / Steel Bar Brands



## Prefabricated Concrete / Lightweight Panel Brands



# CERTIFIED FIRE RATED PRODUCTS



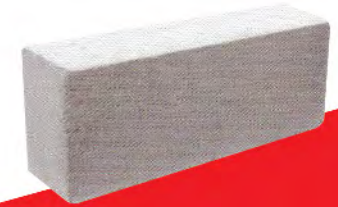
**Solid Brick  
1st Grade (KL)  
With 2 hour Fire Rated**

Size : 215 x 100 x 68 mm  
Packing : 600 pcs/plt, 9 plts/Load



**10 Holes  
Clay Block (KL)  
With 2 hour Fire Rated**

Size : 215 x 100 x 135 mm  
Packing : 384 pcs/plt, 9 plts/Load



**CMU-100mm  
Solid Concrete Block  
With 2 hour Fire Rated**

Size : 390 x 190 x 100 mm  
Packing : 100 pcs/plt, 10 plts/load



**Fire Rated  
Solid Concrete Brick  
With 4 hour Fire Rated**

Size : 190 x 90 x 90 mm  
Packing : 500 pcs/plt, 10 plts/load



**Concrete Masonry Unit  
( CMU Full Block)**

Size a: 390 x 190 x 90 mm  
(with in fill - 1 Hours Fire Rated)  
b: 390 x 190 x 140 mm  
(with in fill - 2 Hours Fire Rated)  
c: 390 x 190 x 190 mm  
(with in fill - 2 to 4 Hours Fire Rated)

Packing a: 122 pcs/plt, 11 plts/load  
b: 96 pcs/plt, 11 plts/load  
c: 72 pcs/plt, 12 plts/load



**Light Weight  
Concrete Block  
With 4 hour Fire Rated**

Size : 600 x 200 x 100 mm  
Packing : 180 pcs/plt, 10 plts/load



**LeichtPanel  
(ALC/AAC Panel)**

Size : 3000 x 600 x 100mm  
Packing a: 7pcs/pallet, 100pcs/load  
b: 8pcs/pallet, 100pcs/load



**ECO Panel**

Size a: 1000 x 600 x 100mm  
b: 1000 x 600 x 150mm  
c: 1000 x 600 x 200mm  
Packing a: 30 pcs/plt, 11 plts/load  
b: 24 pcs/plt, 10 plts/load  
c: 18 pcs/plt, 10 plts/load





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 plts/Load



M211 3 Holes  
Modular Brick

Size : 190 x 90 x 90 mm  
Packing : 488 pcs/plt, 12 plts/Load



10 Holes Clay Block

Size : 215 x 100 x 135 mm  
Packing a: 384 pcs/plt, 9 plts/load  
b: 400pcs/plt, 9plt/load  
c: 448pcs/plt, 12plt/load



3 Holes Clay Block

Size : 215 x 100 x 135 mm  
Packing a: 384 pcs/plt, 9 plts/load  
b: 400pcs/plt, 9plt/load



Solid Brick  
1st Grade

Size : 215 x 100 x 68 mm  
Packing : 600 pcs/plt, 9 plts/Load



Solid Brick  
2nd Grade

Size : 215 x 100 x 68 mm  
Packing : 600 pcs/plt, 9 plts/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 : 450 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 68mm  
Packing : 588 pcs/plt, 9plts/load



Mulia Glass Block - Clear  
Code : 9500

Size : 190 x 190 x 95 mm  
Packing: 6 pcs/box



Mulia Glass Block - Quadra  
Code : 9501

Size : 190 x 190 x 95 mm  
Packing: 6 pcs/box



Mulia 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 = 1m<sup>2</sup> )



**Smooth Facing Tile ( 883 )**

Size : 240 x 60 x 11 mm  
Packing: 60 pcs/Carton ( 1 Carton = 1m<sup>2</sup> )



**Smooth Facing Tile ( 6322 )**

Size : 240 x 60 x 11 mm  
Packing: 60 pcs/Carton ( 1 Carton = 1m<sup>2</sup> )



**Smooth Facing Tile ( 2301 )**

Size : 240 x 60 x 11 mm  
Packing: 60 pcs/Carton ( 1 Carton = 1m<sup>2</sup> )



**Wire Cut Tile ( 6107 )**

Size : 240 x 60 x 11 mm  
Packing: 50 pcs/Carton ( 1 Carton = 0.8m<sup>2</sup> )



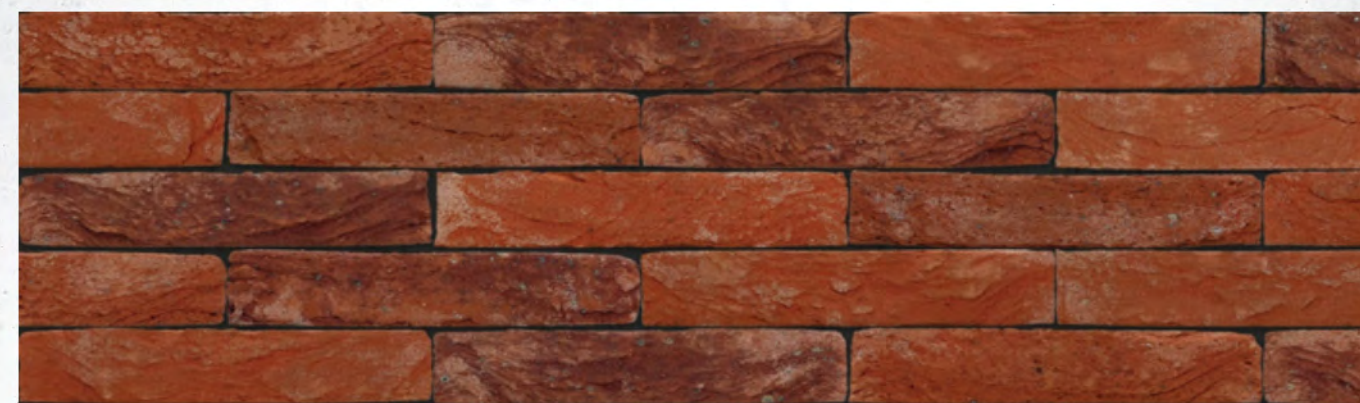
**Culture Tile LPZ - 18A**

1m<sup>2</sup> = 1 Carton  
Size: 205 x 64 x 14mm

## BRICK TILES (EUROPEAN)

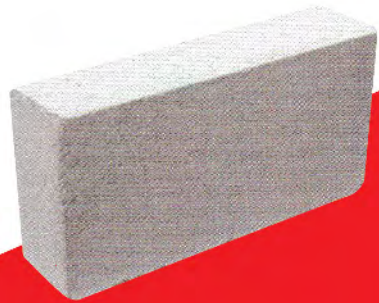


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## CMU BLOCK / HOLLOW BLOCK / PC VENT



**CMU - 100 mm Solid  
Concrete Block  
( 2 Hours Fire Rated )**

Size : 390 x 190 x 100 mm  
Packing: 100 pcs/plt, 10 plts/load



**Concrete Masonry Unit  
( CMU Full Block )**

Size a: 390 x 190 x 90 mm  
b: 390 x 190 x 140 mm  
c: 390 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: 130 pcs/plt, 11 plts/load  
c: 150 pcs/plt, 12 plts/load



**Concrete Masonry Unit  
( CMU Bond Beam )**

Size a: 390 x 190 x 90 mm  
b: 390 x 190 x 140 mm  
c: 390 x 190 x 190 mm

Packing a: 122 pcs/plt, 12 plts/load  
b: 96 pcs/plt, 10 plts/load  
c: 72 pcs/plt, 12 plts/load



**P C Vent Block  
With Netting  
( Wet Cast )**

Size a: 390 x 190 x 100 mm  
b: 390 x 190 x 200 mm

Packing a: 110 pcs/plt, 10 plts/load  
b: 50 pcs/plt, 11 plts/load



**Hollow Block**

Size a: 450 x 150 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 50mm  
b: 600 x 200 x 75 mm  
c: 600 x 200 x 100 mm  
d: 600 x 200 x 150 mm  
e: 600 x 200 x 200 mm

Packing a: 360pcs/plt, 10plts/load  
a: 240 pcs/plt, 10 plts/load  
b: 180 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**

Leght : 1.0 meter Panels  
Width : 600mm  
Thickness : 100mm, 150mm & 200mm

- ✓ SCDF COC / DOC Class Type 5 (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 than Hollow-Core & Other "Lightweight" Solutions



**Autoclaved Aerated Concrete  
(Autoclaved Lightweight Concrete)  
LeichtPanel**

Leght : 3.0 Meter Panels (Customized Size Available)  
Width : 600mm  
Thickness : 100mm, 150mm & 200mm

- ✓ SCDF COC / DOC Class Type 5 (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 than Hollow-Core & Other "Lightweight" Solutions



# AUTOCLAVED 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.

# AUTOCLAVED LIGHTWEIGHT CONCRETE PANEL (ALC)



### 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 for within 4 hours.



### Durability

LeichtBric Panel is highly uniform in which the concrete structure is cured in high pressured saturated steam. The manufacturing outcome produces 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.

## Achieve Length and Thickness

Thickness(mm)	75	100	150m	200
Maximum Length (mm)	1.2m to 6m			





# AUTOCLAVED LIGHTWEIGHT CONCRETE PANELS (ALC)

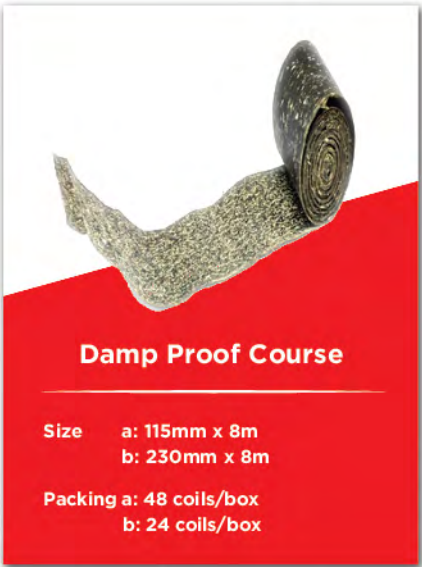


	S5 Strength Class
Dry Density (BSEN 771-13)	+/- 600kg/m3
Nominal Density	+/- 750kg/m3
Compressive Strength (BSEN 771-1)	> 5.00 N/mm2
STC Rating	100mm - 39dB (Bare Wall)
ISO 140 &	100mm - 43dB (Skim)
ASTM E90	100mm - 48dB (Plastered)
Fire Rating (BS 476-4)	up tp 4H @ 100mm
Impact & Stiffness(SS492)	Severe Duty Pull Out - Pass Pull Down - Pass
Light & Heavy Anchorage (SS492)	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.

\*\* The manufacturer reserves the right to make changes to the General Specification without giving prior notice.

# SAND, AGGREGATES, CHIPPING & ARCHITECTURAL ACCESSORY.





# ARCHITECTURAL ACCESSORY.



**Corner Bead**

Packing: 25 pcs/bundle



**PVC Protecting Sheet ( Black )**

Size : 40m x 1.5m x 0.5mm

Coverage: 60m²/sheet

Packing : 40m/roll



**SelfAdhesive FiberMesh**

Size a: 100mm x 50 M/165ft  
b: 50mm x 50M/165ft

Packing a: 27 roll/box  
b: 54 roll/box



**L Bracket (FT40)  
With two pins**

Size : 150mm(L) x 50mm (H)  
x 40mm (W)  
Thickness: 3mm

Packing: 20 sets per box



**L Bracket (AL150)**

Size : 150mm(L) x 50mm (H)  
x 40mm (W)  
Thickness: 3mm

Packing: 50 sets per box



**Tooth Trowel**

Size : 320mm(L) x 105mm(W)



**“Mars” Concrete Saw**

Size : 24”



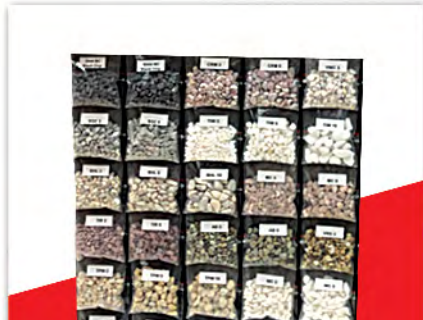
**1 tonne Jumbo Bag**

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

RENDERS

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



**Davco Fine Plaster 3in1 Eco**

Packing: 40kg/bag, 50bags/plt



**Davco Floor Screed Eco**

Packing: 40kg/bag, 50bags/plt



**Davco Waterproof Screed**

Packing: 40kg/bag, 50bags/plt



**Lanko Grout 280 Eco**

Packing: 25kg/bag, 77bags/plt



**Lanko Grout 180 Eco**

Packing: 25kg/bag, 77bags/plt



**Davco Panel Grout Eco**

Packing: 25kg/bag, 77bags/plt



**Davco Skimplas Eco**

Packing: 40kg/bag, 50bags/plt



**Davco K11 Flex**

Packing: 36kg/set



**Davco SAC 22**

Packing: 20ltr/pail, 32pail/pallet



**Davco DW 1**

Packing: 20L/pail, 200L/Drum



**Jurcem Bonding Agent**

Packing: 20L/pail, 210L/Drum



**Onoda Singapore Cement**

Packing: 50kg /bag, 40bags/plt



**Davco Block Bond Eco**

Packing: 25kg/bag, 77bags/plt



**Davco TTB Eco**

Packing: 25kg/bag, 77bags/plt



**Davco Tile Bond Eco**

Packing: 25kg/bag, 77bags/plt




**Lafarge - OPC Cement**

Packing: 50kg/bag, 40bags/plt



**Lafarge - Phoenix Cement ( Green )**

Packing: 50kg/bag, 40bags/plt



**NS Composite Cement**

Packing: 50kg/bag, 40bags/plt

CEMENT &  
DRY MIX PRODUCTS



# CEMENT & DRY MIX PRODUCTS



**E-Mix Easi Render - Eco**

Packing: 40kg/bag, 50bags/plt



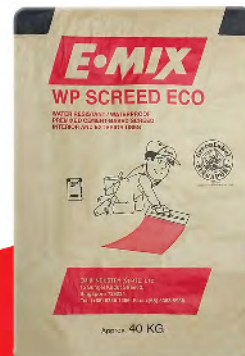
**E-Mix Easi Screed - Eco**

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: 5Ltr/pail, 24pail/plt



**White Cement**

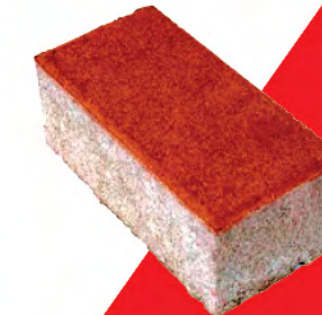
Packing: 40kg/bag, 40bags/plt



**SK 30 Refractory Mortar**

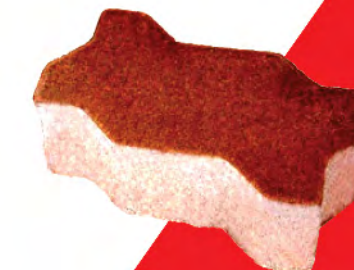
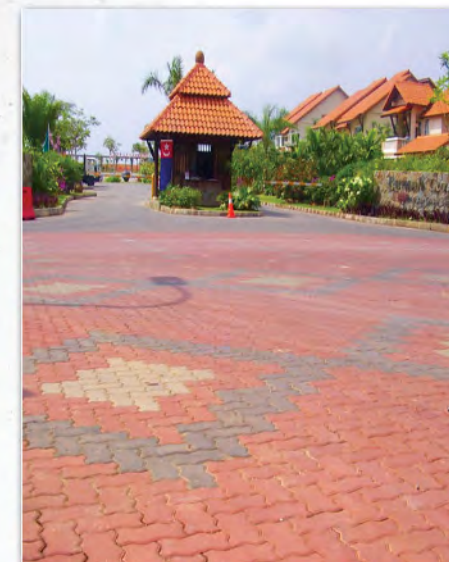
Packing: 25kg/bag, 40bag/plt

# JIA WANG PAVING SUPPLIES PTE LTD - INTERLOCKING CONCRETE PAVERS



**Flexipave / Quadpave**

Size : 198mm x 98mm  
Area Coverage : 49.5 pieces/m<sup>2</sup>  
Thickness : 60/80/100mm  
Approximate Weight: 2.45/3.4/4.35kg



**Sunpave / Uni-Pave**

Size : 223mm x 111mm  
Area Coverage : 39.5 pieces/m<sup>2</sup>  
Thickness : 60/80/100mm  
Approximate Weight: 3.1/4.2/5.45kg

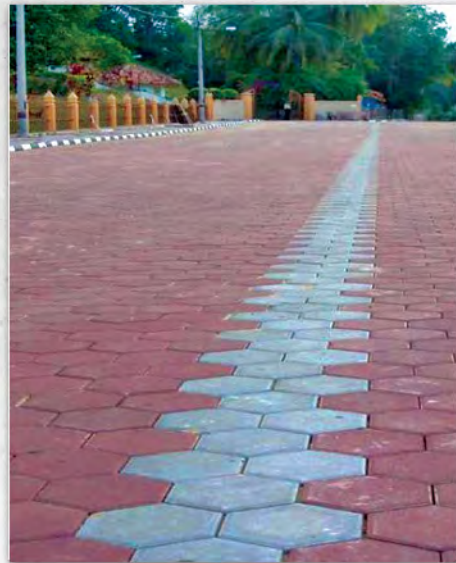


**Uni-Espave**

Size : 220mm x 190mm  
Area Coverage : 34.7 pieces/m<sup>2</sup>  
Thickness : 60  
Approximate Weight: 3.5kg



# JIA WANG PAVING SUPPLIES PTE LTD - INTERLOCKING CONCRETE PAVERS



## Trafika

Size : 225mm x 197mm  
Area Coverage : 29 pieces/m<sup>2</sup>  
Thickness : 80/100mm  
Approximate Weight: 5.8/7.25kg

# JIA WANG PAVING SUPPLIES PTE LTD - INTERLOCKING CONCRETE PAVERS



FL-M32-P02



FL-M32-N00



FL-M33-P02



FL-M33H-N00

## Visually Impaired Slabs Visually

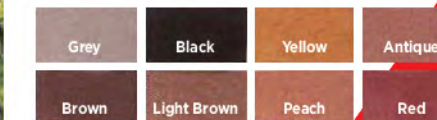
Size a: \*300mm x 300mm  
b: 400mm x 400mm  
Area Coverage a: 11.11 pieces/m<sup>2</sup>  
b: 6.25 pieces/m<sup>2</sup>  
Thickness a: 28mm  
b: 40mm

\*Non-standard sizes are Subject to a minimum quantity of 3000m<sup>2</sup> per order



## Uni-Grasspave

Size : 336mm x 223mm  
Area Coverage : 13.2 pieces/m<sup>2</sup>  
Thickness : 80mm  
Approximate Weight: 3.1/4.2/5.45kg



## Neu Pare Pavers

Size : \*Customizable  
Area Coverage : According to Profile  
Thickness : 60mm/80mm



\*Non-standard sizes are Subject to a minimum quantity of 3000m<sup>2</sup> per order

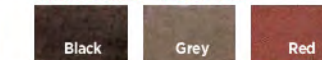


## Uni-Grasspave

Size : 453mm x 453mm  
Area Coverage : 4.83 pieces/m<sup>2</sup>  
Thickness : 100mm  
Approximate Weight: 30.7kg



## Standard Colours

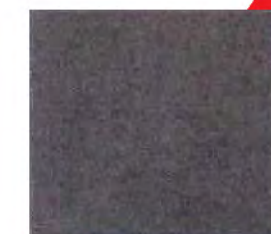


## Premium Colours



## Prime Pavers

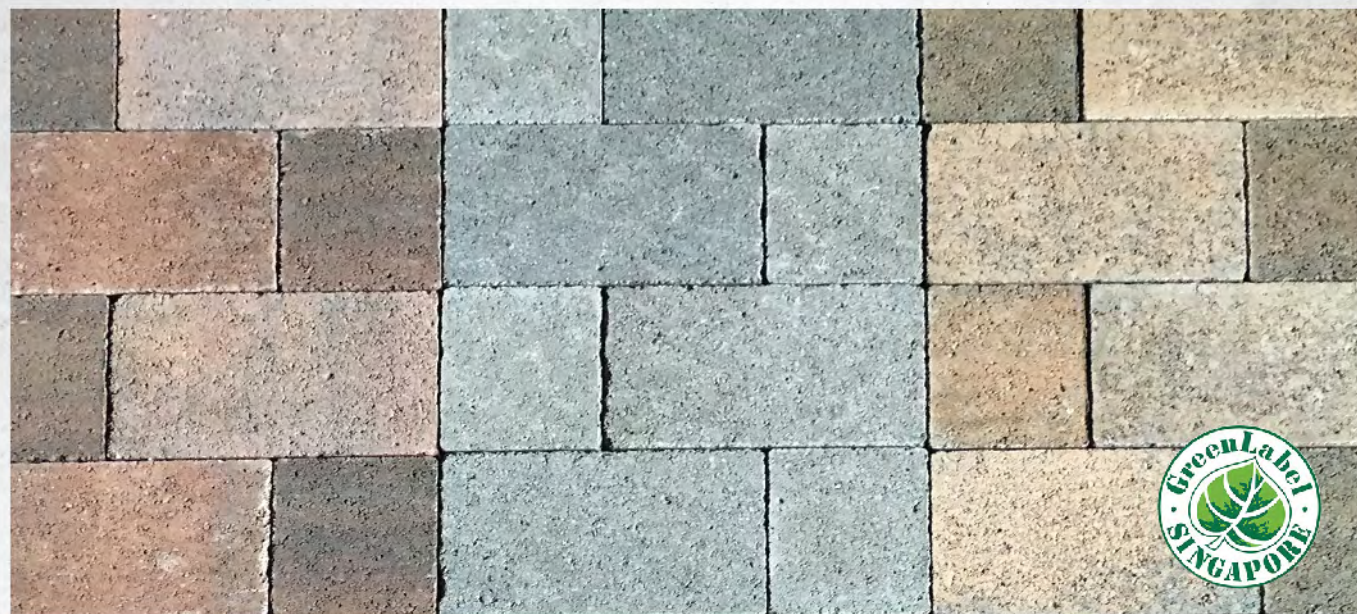
Size a: \*200 x 200 mm  
b: \*400 x 400 mm  
c: \*400 x 600 mm  
d: \*600 x 600 mm  
Thickness : 60/80mm  
Approximate Weight a: 25  
b: 6.25  
c: 4.16  
d: 2.78



\*Non-standard sizes are Subject to a minimum quantity of 3000m<sup>2</sup> per order



## EUROPEAN PAVERS



### Product Sizes & Quantities

Size	Depth	Quantity (per m <sup>2</sup> )	Quantity (per bale)	Bale size
240 x 160mm	60mm	26	360	13.82m <sup>2</sup>
160 x 160mm	60mm	39	504	12.90m <sup>2</sup>
120 x 160mm	60mm	52	672	12.90m <sup>2</sup>
240 x 160mm	80mm	26	300	11.52m <sup>2</sup>
160 x 160mm	80mm	39	360	9.23m <sup>2</sup>
Size (mixed bale)	Depth	Quantity (per m <sup>2</sup> )	Quantity (per bale)	Bale size
160 x 160mm & 240 x 160mm	60mm	15.6 units of each size	432	13.82m <sup>2</sup>



Pedestrian



Light Vehicle



Heavy Goods Vehicle

Mixed bales include an equal number of all sizes.

## WELDED MESH / REINFORCEMENT BARS



### Standard Mesh

#### Standard Metric Fabric

SS561	SS32	Main wire (mm)		Cross Wire (mm)		Cross-sectional area (mm <sup>2</sup> /m)		Unit Area (Kg/m <sup>2</sup> )
		Size	Spacing	Size	Spacing	Main	Cross	
<b>Square Meshes</b>								
WA13	A13	13	200	13	200	664	664	10.42
WA12	A12	12	200	12	200	566	566	8.88
WA11	A11	11	200	11	200	475	475	7.46
WA10	A10	10	200	10	200	393	393	6.16
WA9	A9	9	200	9	200	318	318	4.99
WA8	A8	8	200	8	200	251	251	3.95
-	A7	7	200	7	200	193	193	3.02
-	A6	6	200	6	200	142	142	2.22

\*WB8 to WB13 and WD8 to WD13 available



### Reinforcement Bars Sizes

#### Steel mass for various reinforcement bar sizes

	Mild steel round bar				Deformed Bars									
Diameter(mm)	6	8	10	13	10	13	16	20	22	25	28	32	40	50
Mass (kg/mm)	0.222	0.395	0.617	1.042	0.617	1.042	1.579	2.466	2.984	3.854	4.834	6.313	9.864	15.413
Length(m)	6	6	12	12	12	12	12	12	12	12	12	12	12	12
Weight/bundle(mt)*	1.002	1.005	2.006	2.013	2.029	2.026	2.046	2.071	2.005	2.127	2.088	2.121	2.131	2.035

\* Specifications may vary



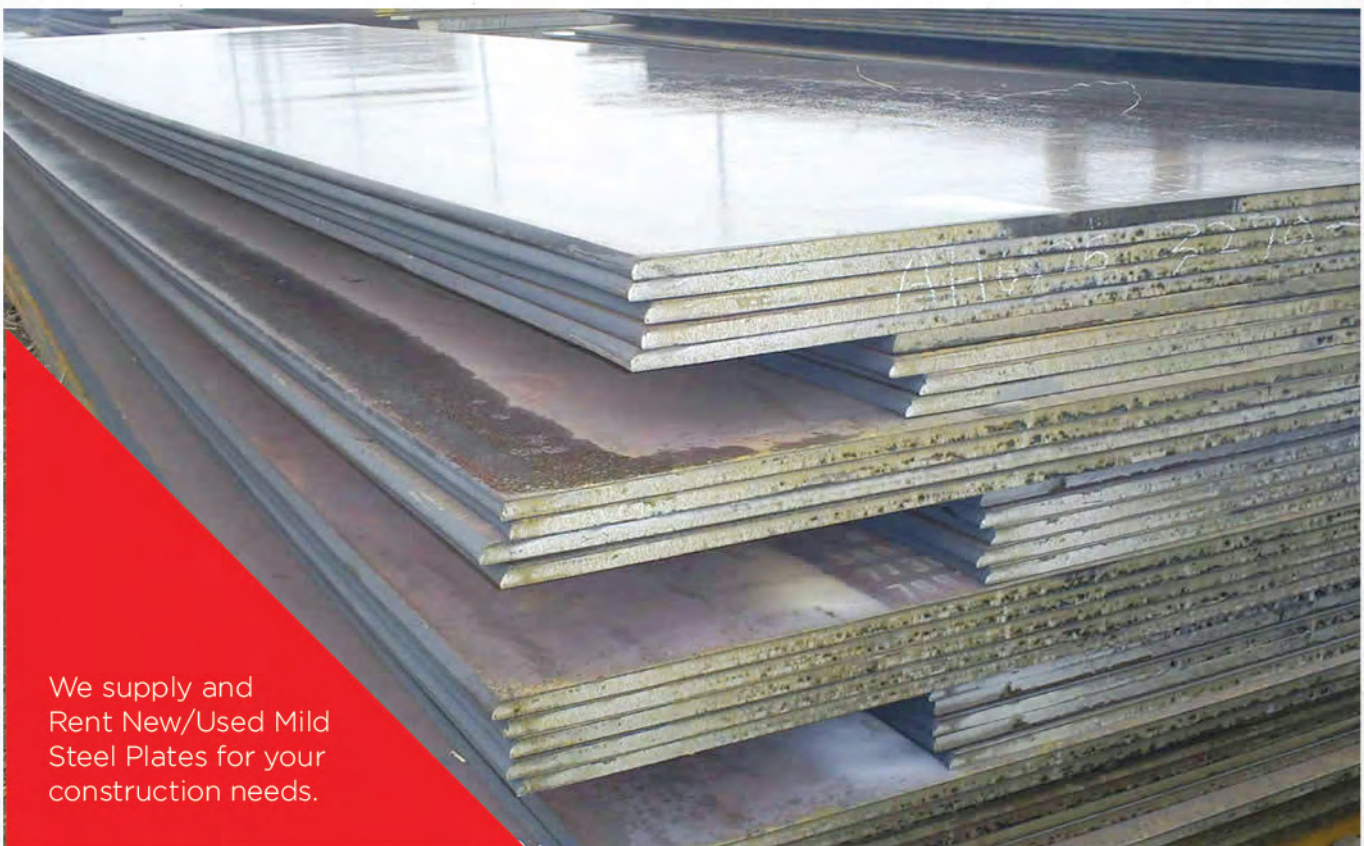
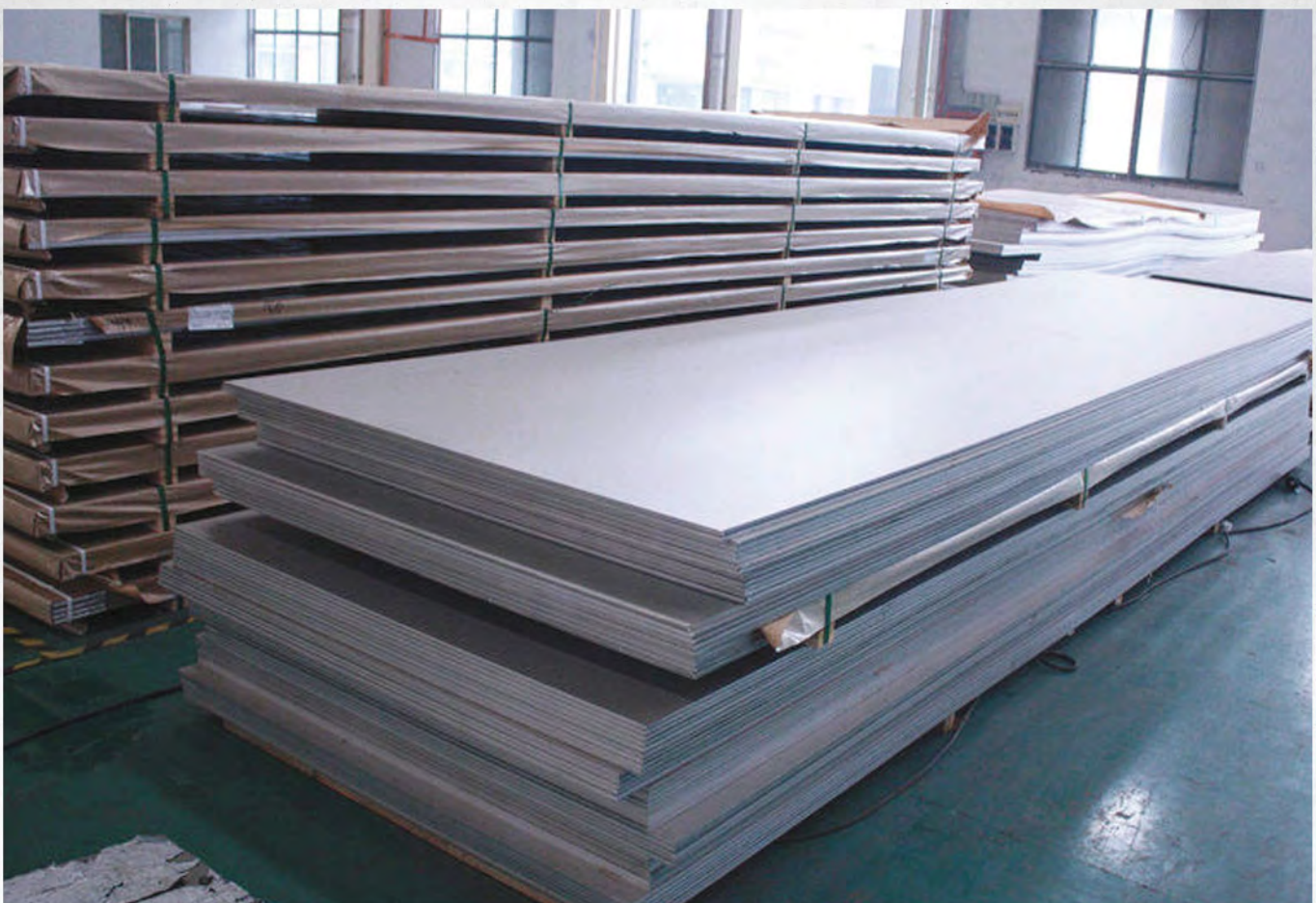
**PLYWOOD &  
TIMBER**



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.



Hook up



Lift up



Flip up



Set up

**4 Steps  
10 Minutes**

### 2. SAVE COST

#### Save Transportation cost

Folding container can load into 14ton lorry.

#### Save Installation cost

**4** workers can finish 1 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**.



- House cost
- Transportation cost
- Installation cost
- Storage cost

# 20FT FOLDABLE CONTAINER



### 3. WIDELY USE



Different design for your requirements



#### 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)



#### Dimensions

##### Exterior

Length 5810mm  
Width 2510mm  
Height 2610mm

##### Interior

Length 5700mm  
Width 2420mm  
Height 2440mm

#### Contents

##### Interior

Vinyl Sheet Flooring  
Metal Wall Finishing with rockwool Infill

##### Fittings

3 x Aluminium Window  
Single Leaf door with lockset

##### Electrical

4 x 18W/220V LED Lamp  
3 x 13A Single Switch  
1 x 15A Air-con Powerpoint  
1 x 32A/220V DB BOX

##### Exterior

Industrial Paint Finish

##### Climate

12000BTU Portable aircon unit  
Ventilation Unit

Office ( 2-4 Pax)

Light Storage

Accommodation



# BB WALL PANEL



## LIGHTER • FASTER • STRONGER Prefabricated Sandwich Panel



# BB WALL PANEL



## COMPARISON TABLE

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

## TESTED • CERTIFIED • TRUSTED Singapore



### Green Lable Singapore

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



### ISO 14001

Building Blocs has also achieved the international ISO 14001 certification by implementing a robust Environmental Management system [EMS] that achieves excellent waste management and recycling in our manufacturing process. This results in minimising negative impacts to our environment and building a sustainable environment.



### TUV

TUV is an internationally recognised testing institution headquartered in Germany. TUV Singapore is the certification body for BB Wall Panels for tests involving hoxicity (BS 6853) and thermal conductivity (ASTM C1363). Both test results show that BB Wall Panelsdo not emit harmful levels of toxic gases and provides excellent thermal properties.



### ISO 9001

Building Blocs 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.



### SETSCO

BB Wall Panels has been extensively tested for strength and robustness under the BS 523e4 standard as well as compressive strength and water absorption tests. SETSCO Singapore an internationally recognised 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.



## LIGHT PRODUCTS



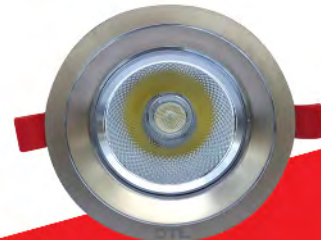
**3.0" Recessed 6 LED  
Ceiling Light (5W)**

Model : OTL - 504  
Size : 95mm  
Colour : Warm White & Pure White



**2.5" Recessed 3 LED  
Ceiling Light (3W)**

Model : OTL - 304S  
Size : 70mm  
Colour : Warm White & Pure White



**3.5" Recessed Single Array  
LED Ceiling Light (10W)**

Model : OTL - 10006  
Size : 100mm  
Colour : Warm White & Pure White



**3.5" Recessed 12 LED  
Ceiling Light (12W)**

Model : HY-909  
Size : 118mm  
Colour : Yellow & Pure White



**4.5" Recessed Single Array  
LED Ceiling Light (10W)**

Model : OTL - 10008  
Size : 95mm  
Colour : Warm White & Pure White



**3.0" Recessed 5  
LED Ceiling Light (5W)**

Model : HY-505  
Size : 95mm  
Colour : Yellow & Pure White



**2.5" Recessed 3  
LED Ceiling Light (3W)**

Model : HY-861  
Size : 72mm  
Colour : Yellow & Pure White

**2.5" Recessed Single Array  
LED Ceiling Light (5W)**

Model : OTL - 50008  
Size : 75mm  
Colour : Warm White & Pure White



**LED High Bay Light  
(100W) & (150W)**

Model : WG - EHBL100  
Size : 430mm x 440mm  
Colour : Pure White

## LIGHT PRODUCTS



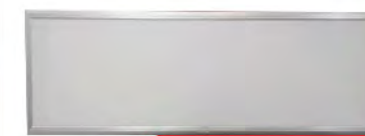
**LED Low Glare  
Panel Lights**

Model : HY - 3X6  
Size : 300mm x 600mm  
Colour : Pure White



**LED Low Glare  
Panel Lights**

Model : HY - 6X6  
Size : 600mm x 600mm  
Colour : Pure White



**LED Low Glare  
Panel Lights**

Model : HY - 3X12  
Size : 300mm x 1200mm  
Colour : Pure White



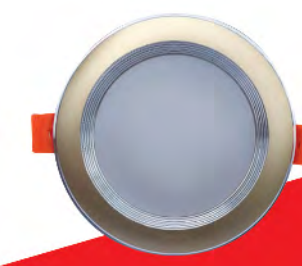
**LED High Bay Light  
(100W) & (150W)**

Model : WG - HBL100  
Size : 450mm x 340mm  
Colour : Pure White



**7" Slim LED  
Ceiling Light (18W)**

Model : OTL - 260/29  
Size : 150mm  
Colour : Pure White & Warm White



**4" Slim LED  
Ceiling Light (7W)**

Model : OTL - 230/09  
Size : 90mm  
Colour : Pure White & Warm White & Yellow

**5.5" Slim LED  
Ceiling Light (15W)**

Model : OTL - 240/29  
Size : 120mm  
Colour : Pure White & Warm White

**4.5" Slim LED  
Ceiling Light (8W)**

Model : OTL - 230/29  
Size : 90mm  
Colour : Pure White & Warm White

**3.2" Slim LED  
Ceiling Light (4W)**

Model : OTL - 225/28  
Size : 80mm  
Colour : Pure White & Warm White



LIGHT  
PRODUCTS



LED Light Strips  
Adapter (150W)

(Indoor Use)



LED Light Strips  
Adapter (150W)

(Outdoor & 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 : 195mm x 140mm  
Colour : White



LED Floodlight  
Rack (200W)

Model : HY - FL200  
Size : 500mm x 500mm  
Colour : White

INNER BACK COVER  
(EMPTY)





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