



# AMALGAMATED CONCRETE

## **INDUSTRIAL PRODUCTS**

### **RIB AND BLOCK / BLOCK AND BEAM**

#### Benefits of the Rib and Block Slab System

- ✚ This application is suitable in all types of buildings where suspended floors are required
- ✚ Ideal for residential houses
- ✚ Rib and Block are quicker and less costly to build than traditional shuttered concrete.
- ✚ The best solution for complicated in shape slabs with skylight openings and cantilevers
- ✚ Simple and quick to install even with unskilled labor
- ✚ Ideal composite action between lattice lintels and cast-in-situ concrete, optimizing strength / material requirement for cost saving
- ✚ Rib and Block slabs are assembled by hand
- ✚ No cranes or other machinery required whereas hollow core slabs are very heavy and require cranes to assemble

SS 120



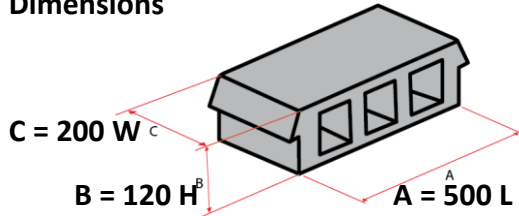
BEAM / RIB



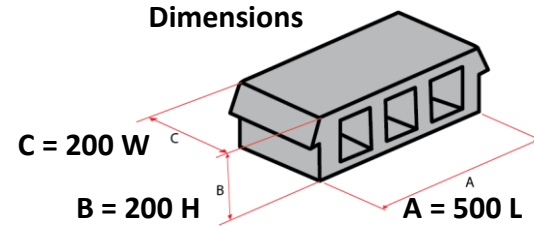
SS 200



Dimensions

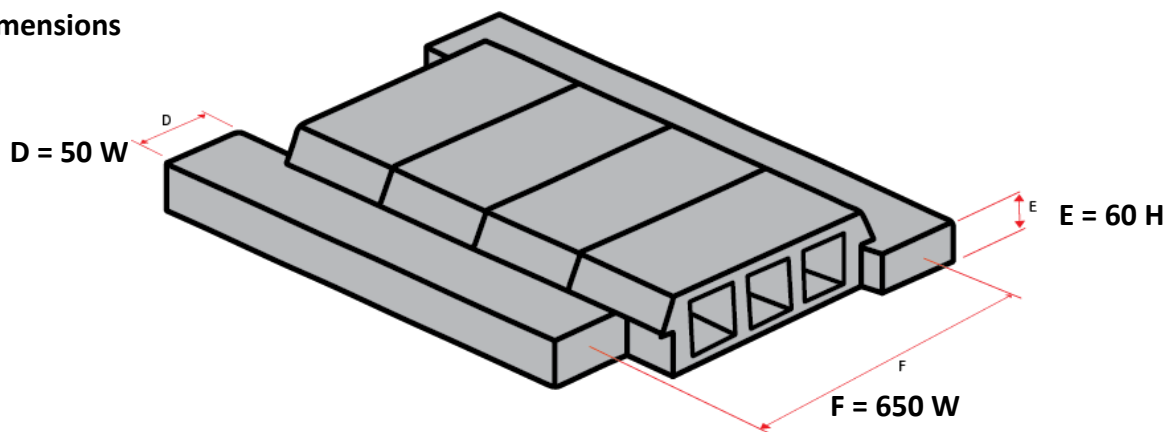


Dimensions



#### Rib & Block/ Suspended Floor in Use

Dimensions





# AMALGAMATED CONCRETE

## **INTERLOCKING PAVERS**

Interlocking Pavers are ideally shaped to distribute concentrated heavy loads so that the underground material is not as distressed as when a rigid surface had been used.

Commercial Interlocking Pavers provide durable surfaces that can be used in a variety of ways to enhance the appearance and functionality of any landscape.

### **AVAILABLE COLOURS:**

Colours may vary from picture due to picture display properties

Grey

Charcoal

Burgandy / plum

Brown

Sand Stone / Tan



### **80mm Interlocking Paver Bricks**



#### **DESCRIPTION**

Dimensions:	200 [L] x 100 [W] x 80mm [H]
Strength:	20Mpa / 30Mpa
Weight per brick:	3.3kg
Bricks per m <sup>2</sup> :	49
Bricks per pallet:	360 = 7.35m <sup>2</sup> = 1188 KG PER PALLET

### **60mm Interlocking Paver Bricks**



#### **DESCRIPTION**

Dimensions:	200m [L] x 100 [W] x 60mm [H]
Strength:	20Mpa / 30Mpa
Weight per brick:	2.8kg
Bricks per m <sup>2</sup> :	49
Bricks per pallet:	600 = 12.24 m <sup>2</sup> = 1680 KG PER PALLET



# AMALGAMATED CONCRETE

## **BLOCKS AND BRICKS**

### **M100 BLOCK**



Dimensions:	390 [L] x 88[W] x 190 [H]
Strength:	3.5Mpa
Blocks per m <sup>2</sup> :	12.5
Weight per block:	11.5kg
Bricks per pallet:	150 = 1725 KG PER PALLET

### **M140 BLOCK**



Dimensions:	390 [L] x 140 [W] x 190 [H]
Strength:	3.5Mpa / 7Mpa
Blocks per m <sup>2</sup> :	12.5
Weight per block:	14kg
Bricks per pallet:	114 = 1596 KG PER PALLET

### **M200 BLOCK**



Dimensions:	390[L] x 190[W] x 190[H]
Strength:	3.5 Mpa /7Mpa
Blocks per m <sup>2</sup> :	12.5
Weight per block:	16.3kg
Bricks per pallet:	90 = 1584 KG PER PALLET

### **COMMON BRICK**



Dimensions:	210 [L] x 75 [W] x 100 [H]
Tensile Splitting Strength:	7 Mpa /14Mpa
Weight per brick:	3.2kg
Bricks per m <sup>2</sup> :	56
Bricks per pallet:	500 = 8.93 m <sup>2</sup> = 1600 kg per pallet

### **MAXI BRICK – SOLID - NFP AND NFX**



Dimensions:	210 [L] x 90 [W] x 100 [H]
Strength:	7 Mpa /14Mpa
Weight per brick:	4.5 kg
Bricks per m <sup>2</sup> :	35
Bricks per pallet:	320=9.14 m <sup>2</sup> = 1440 kg per pallet

### **MAXI BRICK – HOLLOW - NFP AND NFX**



Dimensions:	210 [L] x 90 [W] x 100 [H]
Strength:	7 Mpa /14Mpa
Weight per brick:	3.4 kg
Bricks per m <sup>2</sup> :	35
Bricks per pallet:	320=9.14 m <sup>2</sup> = 1440 kg per pallet

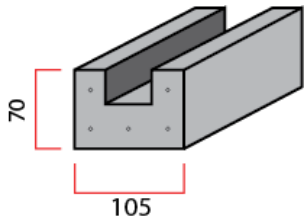


# AMALGAMATED CONCRETE

## **LINTELS**

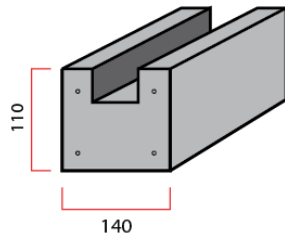
All lintels are available from 900mm to 6m in 300mm increments. Longer lengths are available on request.

### **BRICK LINTELS**



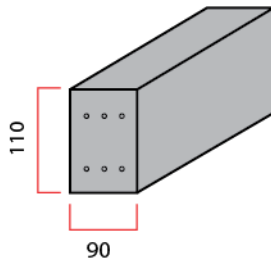
Dimensions: 105mm x 70mm  
 Tensile Splitting Strength: 40 Mpa  
 Weight per meter: 17.5 KG / M

### **BLOCK LINTELS**



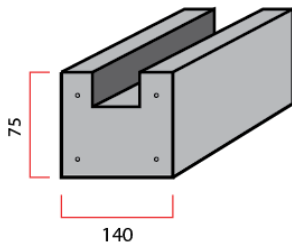
Dimensions: 140[W] x 110[H]  
 Tensile Splitting Strength: 40 Mpa  
 Weight per meter: 26 kg /m

### **MAXI LINTELS**



Dimensions: 90mm x 110mm  
 Tensile Splitting Strength: 40 Mpa  
 Weight per meter: 21 kg /m

### **LC BLOCK LINTELS**



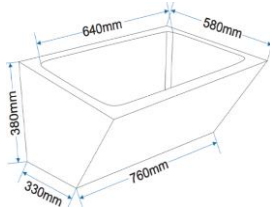
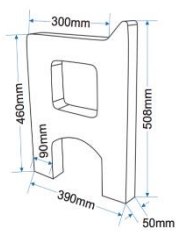
Dimensions: 140mm x 75mm  
 Tensile Splitting Strength: 40 Mpa  
 Weight per meter: 22.5 kg /m



# AMALGAMATED CONCRETE

## Miscellaneous

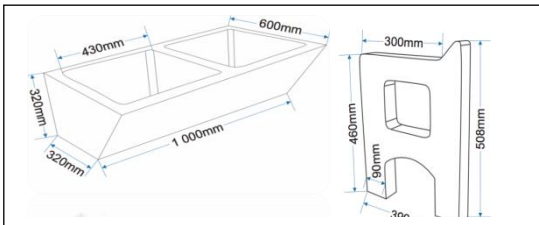
### SINGLE WASH TROUGH



Dimensions: 760[L] x 320[W] x 360+460 [H]  
Weight: 162kg



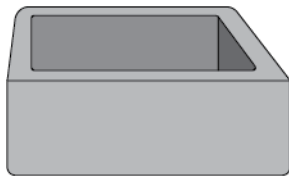
### DOUBLE WASH TROUGH



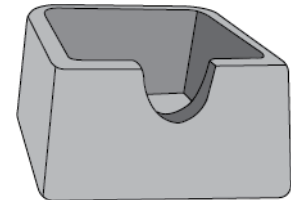
Dimensions: 1000[L] x 600 [W] x 320 + 460 [H]  
Weight: 184kg



### GULLEYS



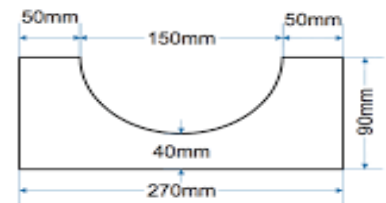
Dimensions: 350[L] x 350[W] x [H]  
Strength: 20 Mpa  
Weight: 17 kg



### SURFACE WATER CHANNEL



Dimensions: 1000[L] x 2700[W] x 90[H]  
Weight : 63.6 kg



### STOP END WATER CHANNEL



Dimensions:  
Weight:



# AMALGAMATED CONCRETE

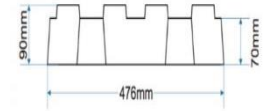
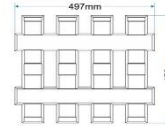
## Grass Blocks

Grass blocks are the new generation driveway and parking lot alternative. This eco-friendly green product is designed to give maximum load bearing below and allow maximum grass coverage on the surface.

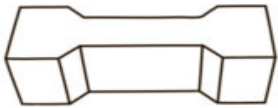
Amalgamated Concrete produce heavy duty grass blocks, extremely robust and able to withstand trucks yet giving a natural look for your driveway or parking lot, which can be mowed.

Installation is easy as there are 4 blocks per m<sup>2</sup>, making them cost effective to lay.

Our blocks are 497 X 476 X 90 reinforced



## Dog Bone



Dimensions: 400[L] x 200[W] x 75[H]  
Weight: 22kg

## RETAINER BLOCK



Dimensions: 300[L] x 400[W] x 220 / 200 [H]  
Weight: 35kg  
Blocks per m<sup>2</sup>: approximately 7 blocks per m<sup>2</sup>  
Approximately 2.2 per running meter



## STEPS



Dimensions: 1000[L] x 350[W] x 180[H]  
Strength: 40 Mpa  
Weight: 56kg





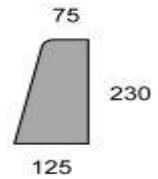
# AMALGAMATED CONCRETE

## KERBS

### FIG 6



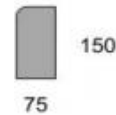
Dimensions:	1000[L] x 230[H] x 125/75[W]
Strength:	40 Mpa
Weight:	54kg
Kerbs per pallet:	25



### Fig 12



Dimensions:	1000[L] x 75[W] x 150[H]
Tensile Splitting Strength:	14 Mpa
Weight per brick:	22kg
Kerbs per pallet:	50



## GARDEN KERBS

### NEW



Dimensions:	750[L] x 75[W] x 100[H]
Tensile Splitting Strength:	40 Mpa
Weight per kerb:	12kg
Kerbs per pallet:	100



## COVER BLOCKS

A cover block is basically a spacer that is used to lift the rebar matrix off the ground so that concrete may flow underneath the rebar.

**SIZES AVAILABLE: 75mm, 50mm, 40mm, 30mm**

### Cover Blocks are used:

1. To maintain a specified spacing between the rebar and the shuttering.
2. To prevent the steel reinforcement bars from environmental effects to protect their corrosion.
3. To furnish thermal insulation, which prevents the reinforcement bars from fire.
4. To provide reinforcing bars sufficient embedding to enable them to be stressed without slipping.

### Size of Cover Blocks for Structural Members

Listed below is the size of cover blocks for different structural members which are normally used in construction.

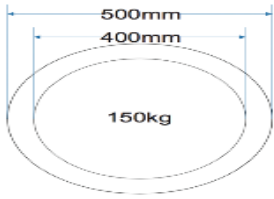


- Size of Cover Blocks for Beam = Minimum 20 mm
- Size of Cover Blocks for Column = Minimum 40 mm
- Size of Cover Blocks for Footing = Minimum 50 mm
- Size of Cover Blocks for Shear Wall = Minimum 30 mm
- Size of Cover Blocks for Retaining Wall = Minimum 20 mm
- Size of Cover Blocks for Staircase = Minimum 15 mm

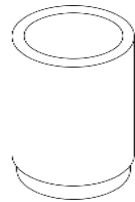


# AMALGAMATED CONCRETE

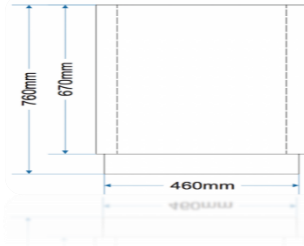
## DUSTBIN



Dimensions:  
Weight:



480[W] 750[H]  
142 kg



## UMBRELLA BASE

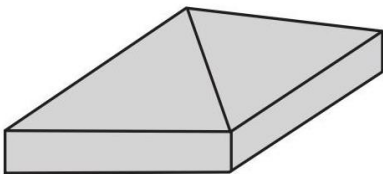
30 KG



45 KG



## CAPPINGS PYRAMID



Standard Sizes available

Dimensions: 450 x 450

Weight: 55 kg

Dimensions: 580 x 580

## CONE

Standard Sizes available

Large: 450 x 450

Weight: 84.45 kg



Medium: 400 x 400

Weight: 53.9 kg

## COBBLE PAVERS

COLOURS: CHARCOAL, TERRACOTTA, NATURAL

Dimensions: 110 x 110x 50

Weight: 1 kg

Per Pallet: 810 = 10m<sup>2</sup>



Dimensions: 160 x 160 x 50

Weight: 2 kg

Per Pallet: 390 = 10m<sup>2</sup>

For orders: Tanja Du Plessis

082 801 4081 /031 565 2755

[tanja@amalgamatedconcrete.co.za](mailto:tanja@amalgamatedconcrete.co.za)





# AMALGAMATED CONCRETE

## FLAGSTONE PAVERS

**AVAILABLE SIZES:**

- 200 X 200
- 400 X 200
- 400 X 400
- 450 X 450
- 500 X 500

**COLOURS:** CHARCOAL, TERRACOTTA, NATURAL



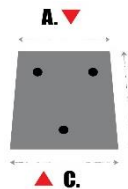
## COLUMNS

**We supply the following columns:**

Hollow Column with Cap and Base	2.1 m x 220 DIA
Round Column with Cap and Base	2.1 m x 220 DIA
Venetian Column	2.1 m x 220 DIA
Scroll Column	2.4 m x 220 DIA
Twisted Column	2.1 m x 220 DIA
Twisted Column Large	

## PALISADE FENCING

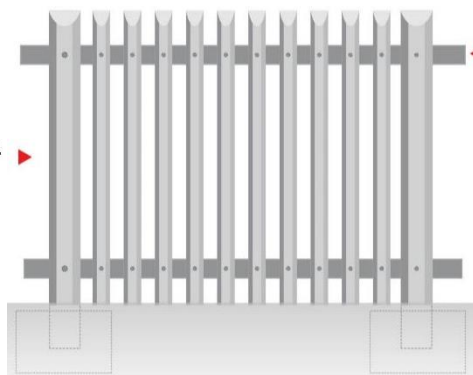
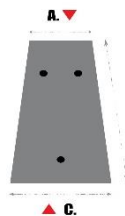
**PALE**



- LENGTH: 2400MM
- A = FRONT: 80MM
- B = WIDTH: 75MM
- C = REAR: 95MM

**POLE**

- LENGTH: 3000MM
- A = FRONT: 80MM
- B = WIDTH: 225MM
- C = REAR: 130MM



**RAIL / CROSS BAR**

- LENGTH: 2000MM
- A = FRONT: 155MM
- B = WIDTH: 85MM
- C = REAR: 150MM