



INTERNATIONAL CONSTRUCTION CONSORTIUM (PVT) LTD

# PRE-CAST<sup>PRODUCTION</sup>

## PRE-CAST PAVING BLOCKS & PAVING SLABS

DATA  
SHEET



INTERLOCKING  
PAVINGS

GRASS  
PAVING

QUALITY  
PAVING  
PRODUCT

PAVING  
SLABS

SPECIFIED  
COLOURS

CUSTOMIZED  
PAVINGS



**ICC PRECAST**  
FAST - QUALITY - INNOVATIVE



# PRE-CAST PRODUCTION

## PAVING BLOCKS/PAVING SLABS

### DATA SHEET

#### 01. INTRODUCTION

International Construction Consortium (Pvt)Ltd is the leading of manufacturer of external paving blocks and associated paving block products in Sri Lanka.They are available in a wide range of sizes.

Paving blocks have become a superior alternative to floor concreting and concrete slabs.The selection of paving blocks can be applied in parking areas,pedestrian areas in houses,Roads and pathways or any other specified compound areas.

The blocks are manufactured by using paving manufacturing machine with high quality controlling and quality assurance systems under engineer supervisions.

This publication provides the information necessary to specify the paving blocks and slabs for all of these applications.



Figure 01



Figure 02

#### 02. GENERAL SPECIFICATIONS

##### ACCORDANCE STANDARD

SLS Standard: 1425 Part 1&2 :2011

##### PRODUCTION SPECIFICATION

Dimensions: Refer the table  
Concrete Strength: 15 -50 N/mm<sup>2</sup>  
Block Type : Uni type / cobble type  
Eliana type

##### RAW MATERIAL SPECIFICATION

Cement: SLS 107 : 2015  
Fine Aggregate: BS 882 - 1992  
Coarse Aggregate: BS 882 - 1992  
Water : BS 3148 - 1980

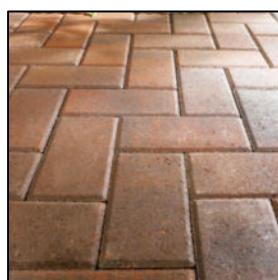
#### 03. PRODUCTION RANGE

Interlocking paving Blocks



Uni type paving block

Figure 03



Cobble paving block

Figure 04



Eliana paving block

Figure 05



# PRE-CAST PRODUCTION

## PAVING BLOCKS/PAVING SLABS

### DATA SHEET

#### 04. DIMENSION DETAILS - INTERLOCKING PAVING

Uni type paving block  
(Non regular type)

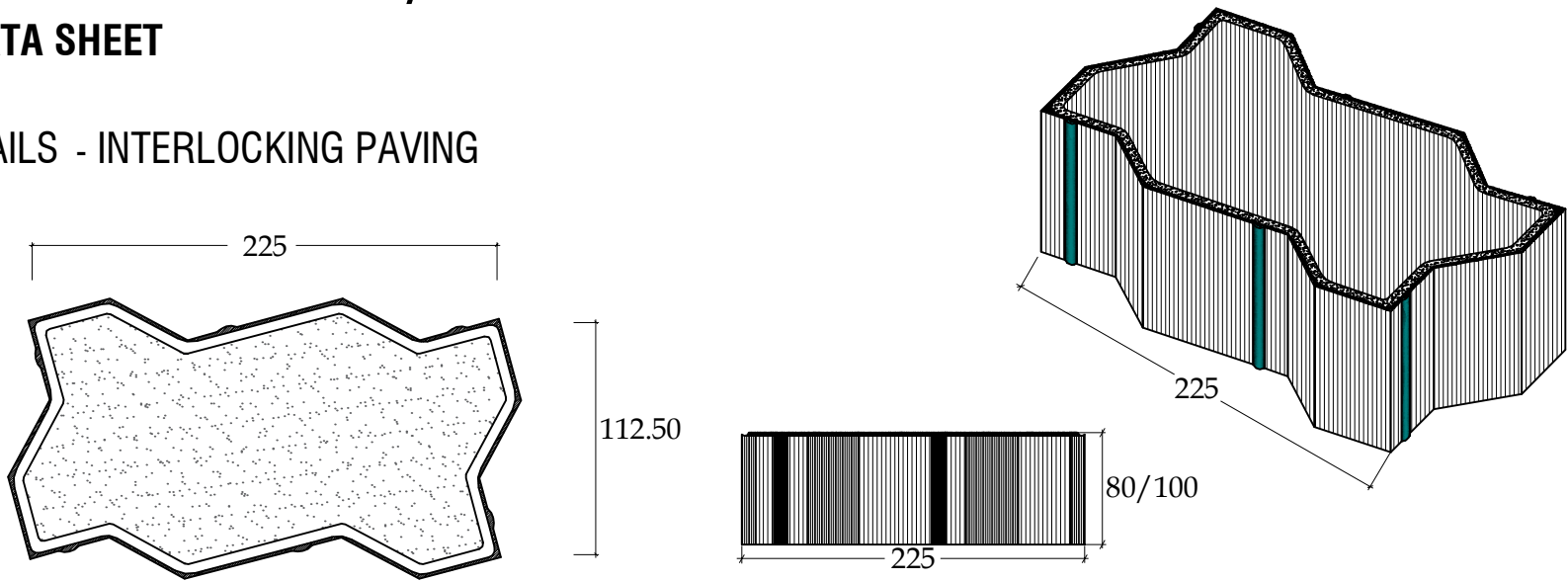
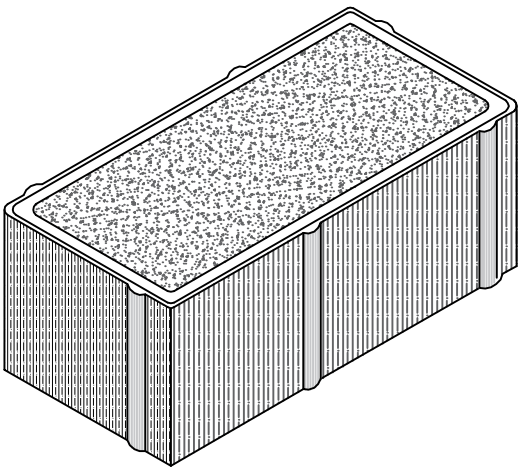


Table 01 - General details

Paving Block Type	Length (mm)	Wide (mm)	Thickness (mm)	Quantity of 1 m <sup>2</sup> (Nos)	Weigh per each block (kg)-Avg	Compressive strength (N /mm <sup>2</sup> )	Available colour type
Uni	225	112.5	80/100	40	4.3/5.25	15/30/40 /50	Natural/Colour



cobble paving block  
(Regular type)

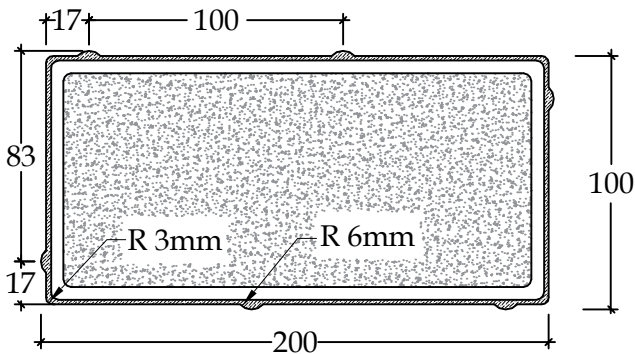
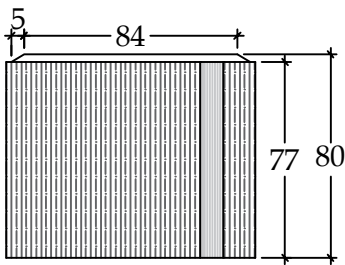
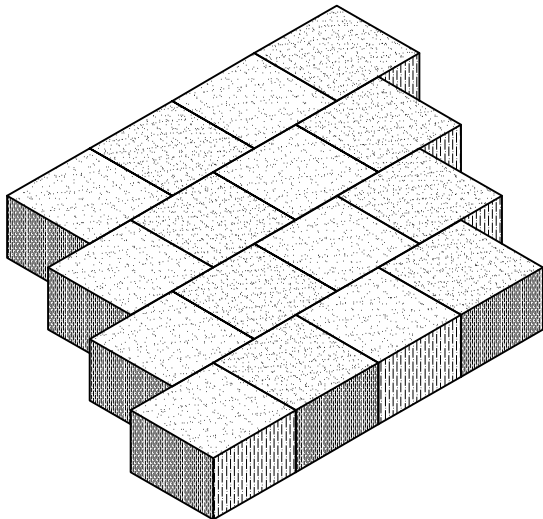
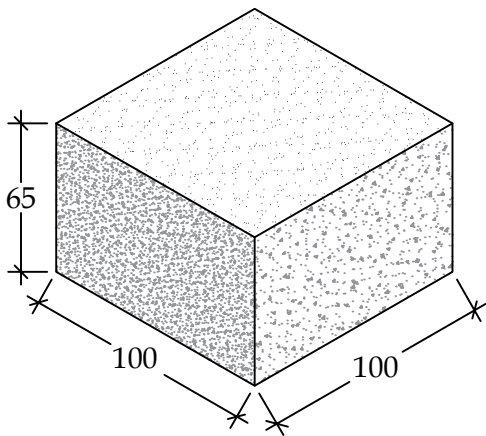
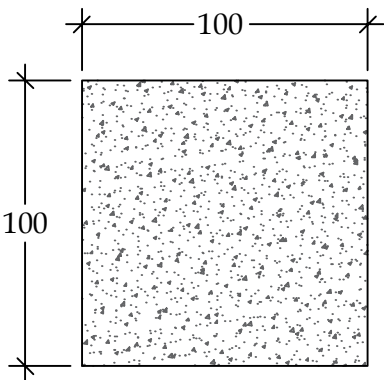


Table 02 - General details

Paving Block Type	Length (mm)	Wide (mm)	Thickness (mm)	Quantity of 1 m <sup>2</sup> (Nos)	Weigh per each block (kg)-Avg	Compressive strength (N /mm <sup>2</sup> )	Available colour type
Cobble	200	100	60/80	50	2.5/3.4	15/30 /40	Natural/Colour



Eliana paving block  
(Regular type)





# PRE-CAST PRODUCTION

## PAVING BLOCKS/PAVING SLABS

### DATA SHEET

Table 03 - General details

Paving Block Type	Length (mm)	Wide (mm)	Thickness (mm)	Quantity of 1 m <sup>2</sup> (Nos)	Weigh per each block (kg)-Avg	Compressive strength (N /mm <sup>2</sup> )	Available colour type
Eliana	100	100	65	100	1.4	15 /30	Natural

Uni type and Cobble type are in accordance with the SLS specification.

The maximum dimensional deviation for paving blocks ensured in accordance with SLS 1425 :2011

### 05. PRODUCTION RANGE - PAVING SLAB

Paving Slabs - ( reinforced or non-reinforced)



Figure 05

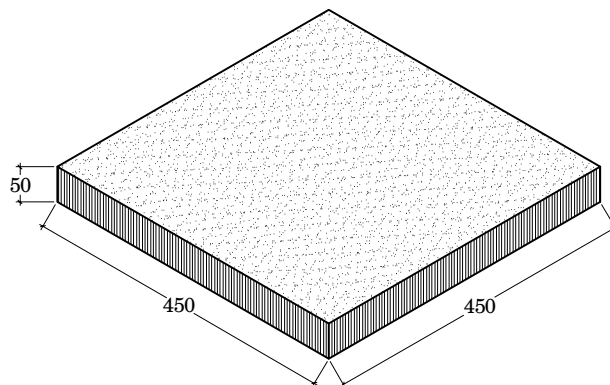
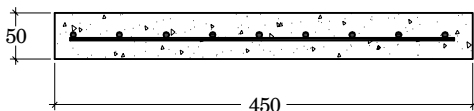


Figure 06

Table 04 - General details

Paving Slab Type	Length (mm)	Wide (mm)	Thickness (mm)	Quantity of 1 m <sup>2</sup> (Nos)	Weigh per each block (kg)-Avg	Compressive strength (N /mm <sup>2</sup> )	Available colour type
Square	450	450	50	05	25	30/40	Natural-Rough Surface
Square	300	300	40	11	09	30/40	Natural-Rough Surface

### 06. DIMENSION DETAILS - PAVING SLAB





# PRE-CAST PRODUCTION

## PAVING BLOCKS/PAVING SLABS

### DATA SHEET

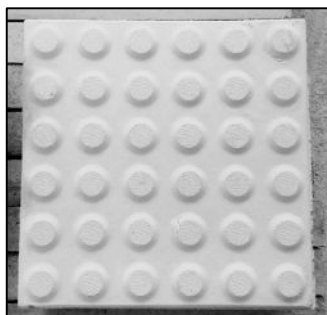
#### 07. PRODUCTION RANGE - TAC TILE

Tac tile Paving



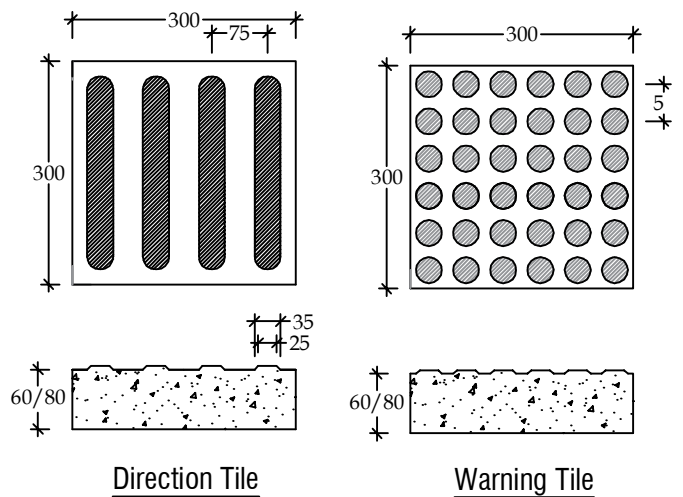
Direction Tile

Figure 07



Warning Tile

Figure 08



Direction Tile

Warning Tile

Table 05 - General details- tac tile

Paving Slab Type	Length (mm)	Wide (mm)	Thickness (mm)	Quantity of 1 m <sup>2</sup> (Nos)	Weigh per each block (kg)-Avg	Compressive strength (N /mm <sup>2</sup> )	Available colour type
Direction Tile	300	300	60/80	11	13/17.5	40	Yelow/White
Warning Tile	300	300	60/80	11	13/17.5	40	Yelow/White

#### 08. PRODUCTION RANGE - GRASS PAVING - 200x200 PAVING



Figure 09

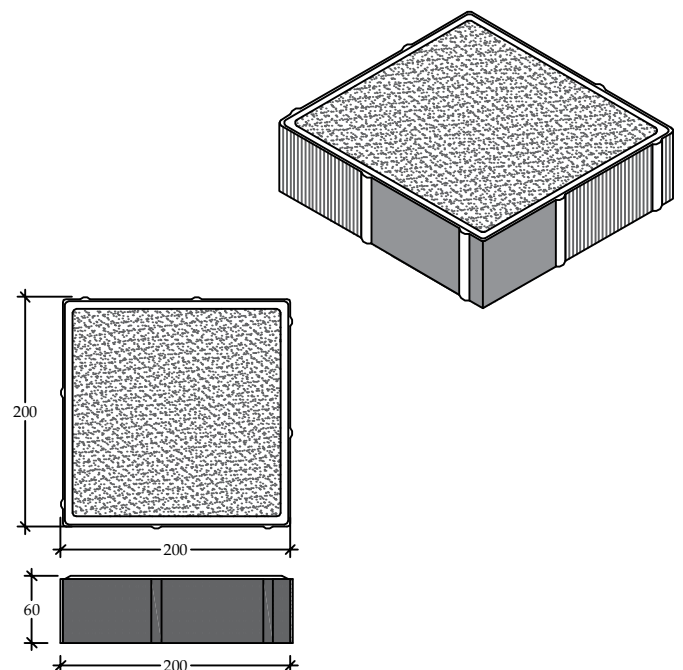


Table 06 - General details- 200x200 paving

Grass Paving Type	Length (mm)	Wide (mm)	Thickness (mm)	Quantity of 1 m <sup>2</sup> (Nos)	Weigh per each block (kg)-Avg	Compressive strength (N /mm <sup>2</sup> )	Available colour type
	200	200	60	25	5.5	15	Natural/Colour



# PRE-CAST PRODUCTION

## CEMENT BLOCKS

### DATA SHEET

#### 08. PRODUCTION RANGE - GRASS PAVING

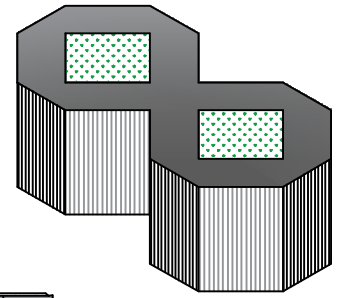
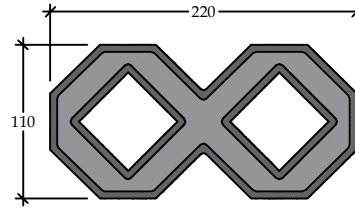


Table 07 - General details

Grass Paving Type	Length (mm)	Wide (mm)	Thickness (mm)	Quantity of 1 m <sup>2</sup> (Nos)	Weigh per each block (kg)-Avg	Compressive strength (N /mm <sup>2</sup> )	Available colour type
	220	110	75	41	3.5	15	Natural

#### 09. HANDLING AND TRANSPORTATION



Figure 10

When the transportation of paving, they should be well packed and tightened to avoid the any damage due to clashes.  
( Fig. 08,09)



Figure 11



Figure 12

Laying bed thickness is dependant by the site compound condition.

#### 10. TESTING & INSPECTION

Material test report and mill report

Compressive strength. SLS 855 : part 2:1989