



# DEPARTMENT OF CIVIL ENGINEERING

LBS INSTITUTE OF TECHNOLOGY FOR WOMEN

(A Govt. of Kerala Undertaking)

## VISION

To become the pre-eminent centre for quality education and advanced research in Civil Engineering

## MISSION

To provide rigorous proactive training in civil Engineering equipping young women for continuous learning necessary for professional practice and advanced research

CC/LAB/LBSITW/2022-23/05/08/2022

17/08/2022

To,

Sr. Manager (IDD)  
HLL Infra Tech Services Ltd

Sub: Results of compression test on Concrete Paving Blocks and Kerb Stone samples supplied by the consultant – 3 No's of 8 mm thick C.C Paver block of M-30 grade and 3 No's of Factory Made Kerb Stone of M-25 grade

Name of work: External Development of Biotech Lab-1 & Administrative Block-1 at Life Science Park, Thonnakkal, Thiruvananthapuram

As per request letter No: HITES/IDD/LSP/2022-23/493 dated 11/08/2022 forwarded from your office, the results of tests on the supplied samples are given below.

### Paver Block

Sl.No:	Date of Testing	Area (mm <sup>2</sup> )	Compressive Strength (N/mm <sup>2</sup> )	Average Compressive Strength(N/mm <sup>2</sup> )
1.	13/08/2022	Average thickness 80mm with an area of 30000mm <sup>2</sup>	48	48.99
2.	13/08/2022		50.67	
3.	13/08/2022		48.32	

### Kerb stone

Sl.No:	Date of Testing	Area (mm <sup>2</sup> )	Compressive Strength (N/mm <sup>2</sup> )	Average Compressive Strength(N/mm <sup>2</sup> )
1.	16/08/2022	Average thickness 80mm with an area of 50000mm <sup>2</sup>	30.00	30.00
2.	16/08/2022		30.00	
3.	16/08/2022		30.00	

The above results pertain only to the sample supplied for testing.



Head of the Department  
SAJAN K. JOSE, M.Tech (Sst), FIE  
Associate Professor & Head  
Department of Civil Engineering

LBS Institute of Technology for Women  
Poojappura, Thiruvananthapuram



Government of Kerala  
Public Works Department

# Kerala Highway Research Institute

Karyavattom, Thiruvananthapuram - 695 581  
Phone : 0471 - 2418689 e-mail : jointdirectorkhri@gmail.com

No. E3/TR/911/2022

Dated:26 Jul 2022

From

Joint Director

To

Verizon Pavers,  
koppam road,  
Mangalapuram, Veiloor,  
Thiruvananthapuram.

Sir,

Sub: KHRI - Testing of Concrete Paver block reg.

Ref: Your Lr.No. Nil Dated, 12 Jul 2022

I am forwarding herewith the test report registered in this office as 246/22-23

Acc: Test report.



Yours faithfully,

  
Thomas John  
Joint Director



Government of Kerala  
Public Works Department

## Kerala Highway Research Institute TESTING LABORATORY

Karyavattom, Thiruvananthapuram - 695 581  
Phone : 0471 - 2418689 e-mail : jointdirectorkhri@gmail.com , qm@khri.org



<b>TEST REPORT: CEMENT CONCRETE PAVER BLOCKS</b>			
<b>Customer :</b> Verizon Pavers, Koppam road, Mangalapuram, Veiloor, Thiruvananthapuram.	<b>ULR No.</b>	TC 91982200000-0472-F	
	<b>Reporting Date</b>	26-07-2022	
	<b>Sample Drawn By</b>	Customer	
	<b>Received Date</b>	14-07-2022	
<b>E-mail id</b>	info@verizonpavers.com	<b>Ref. No &amp; Date</b>	Nil, Dated 12-07-2022
<b>Project Name</b>	M/s Verizon Pavers		
<b>Sample Identificaton*</b>	Interlocking Paver block		
<b>Location of Testing:</b> Permanent Testing Facility, KHRI Laboratory			
<u>Sampling Details</u>			
<b>Sample Matrix</b>	Paver block	<b>Sample Description*</b>	Paver block Durance Light Grey (Approx 202x101x60mm)8nos.
<b>Sample No.</b>	368-375	<b>Grade of Sample*</b>	Unknown
<u>Test Results</u>			
<b>Date of Casting</b>	Unknown	<b>Age of Specimen</b>	Unknown
<b>Date of Testing</b>	15-07-2022	<b>Curing Temperature in ° C</b>	27.3
Sample No.	Test Parameter	Results	Unit
368	Compressive Strength	38.8	(MPa)
369		41.9	
370		41.2	
371		42.1	
372		36.1	
373		43.6	
374		39.4	
375		40.5	
<b>Average Compressive Strength (in Mpa)</b>		<b>40.5</b>	
IS 15658: 2021: ANNEX D			

Remarks : Nil

----- End of the report -----

**Note**

1. The test report is /are valid only to the sample submitted to the laboratory
2. Sample/s was/were not drawn by the laboratory.
3. Deviations from standard procedures in sampling and transportation of samples can affect validity of the test results
4. This report shall not be reproduced except in full without the approval of the competent authority of Laboratory.

\*Data provided by customer.

*Authorised by*

**Shri Sankar V  
Technical Manager  
Concrete & Structures Division**