

BANNARI AMMAN INSTITUTE OF TECHNOLOGY

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DEPARTMENT OF CIVIL ENGINEERING

TEST REPORT

Date: 27.09.2021

Test report No: BIT /SHI Lab / Polymer Sand Bricks / 2021002

To

Ultra Stone,

RR Garden, 10/99 – C, Karaipudur, kunnakkal palayam,

Veerapandi, Tiruppur, Tamil nadu -601605

Sub: Test report for 45mm Polymer Sand Solid Paving Block-Reg.

Ref: - Your letter dated on 27.09.2021

RESULTS

Material

: 45mm Solid Paving Block produced in 35% Polymer + 65% Sand

Type of test

: Compressive Strength of Solid Paving Block

SI No	Mark on Specimen	Cross sectional area	Breaking Load (kN)	Ultimate Compressive Strength (N/mm²)	Average Compressive Strength (N/mm²)
1	S 3565 - 1	29880	1021	34.17	
2	S 3565 - 2	29880	1040	34.80	
3	S 3565 - 3	29880	962	32.19	33.93
4	S 3565 - 4	29880	1001	33.50	55.75
5	S 3565 - 5	29880	1040	34.80	
6	S 3565 - 6	29880	1021	34.17	

Note:

- The tests were carried out as per the relevant IS 15658:2006
- The Paving Block were cast and supplied by **Ultra Stone**, **Tiruppur** and test is carried at concrete Laboratory of BIT.
- The name of the work mentioned based on the reference letter given by Ultra Stone, Tiruppur

TESTING OFFICER

HEAD OF DEPARTMENT SATIRITY OF Dr. M. VASUDEVAN, M. Tech., Ph.D.,
Assistant Professor III & Head

Department of Civil Engineering Bannari Amman Institute of Technology Sathyamangalam - 638 401 PRINCIPAL

PRINCIPAL

Bannari Amman Institute of Technology

Sathyamangalam - 638 401