



# BANNARI AMMAN INSTITUTE OF TECHNOLOGY

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## DEPARTMENT OF CIVIL ENGINEERING

### TEST REPORT

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

Date: 22.09.2021

To

Sinter Machines,  
35, Peelamedu Industrial Estate, VK Road  
Peelamedu, Coimbatore -641004

Sub: Test report for 45mm Solid Polymer Sand Paving Block produced in 100 ton load- Reg.  
Ref: - Your letter dated on 22.09.2021

### RESULTS

Material : 45mm Polymer (Reprocessed Plastics) + Sand Paving Block - I type Design  
Type of test : Compressive Strength of Paving Block

Sl No	Mark on Specimen	Cross sectional area	Breaking Load (kN)	Ultimate Compressive Strength (N/mm <sup>2</sup> )	Average Compressive Strength (N/mm <sup>2</sup> )
1	S 100 - 1	29880	1000	33.46	32.36
2	S 100 - 2	29880	882	29.51	
3	S 100 - 3	29880	1020	34.13	

Note:

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

*A. Jayaraman*  
TESTING OFFICER

*[Signature]*  
HEAD OF DEPARTMENT  
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Assistant Professor III & Head  
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