

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 60 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 ²)	Average Compressive Strength (N/mm ²)
1	S 60 - 1	29880	1000	33.46	33.91
2	S 60 - 2	29880	1079	36.11	
3	S 60 - 3	29880	961	32.16	

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

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