

TEST REPORT



Test order / Report No. BVIPL / CONCRETE BLOCKS : BL/1708/7/2025

Date of Receipt : 17-07-2025

Date : 22-07-2025

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ULR-TC600625000014212F

ISHA GREENTECH PRIVATE LIMITED

110, Srinivasa Enclave G M Palya Main Road, Hanuman Temple, New
 Thippasandra, Bengaluru, Bengaluru Urban, Karnataka, 560075

MECHANICAL TESTING

Building, Infrastructure &
 Construction Materials

TEST REPORT ON CONCRETE BLOCKS

Source of sample : Sample Supplied by the Customer
 No of Samples Tested : 9 (Nine)
 Customer's Reference : E-mail dated 16.07.2025
 Project : Not Furnished
 Type of Block : Solid
 Condition of Samples : Satisfactory
 Period of Test : 17-07-2025 to 19-07-2025
 Test Method : IS 2185 (Part-1) :2005 RA-2020

WATER ABSORPTION :

Sl.No	UIN	Identification#	Measured Dimension (mm)	Water Absorption (% by weight)	Requirements as per IS:2185 (Part - I) - 2005
1	25033258	4"	400x100x200	3.3	When three samples are tested the average water absorption shall not be more than 10% by mass
2	25033258	6"	400x150x200	3.1	
3	25033258	8"	400x200x200	3.2	

COMPRESSIVE STRENGTH :

Sl.No	UIN	Identification#	Measured Dimension (mm)	Compressive Strength (Expressed over gross area) (N/mm ²)	Minimum Compressive Strength as per IS:2185 (Part-I)-2005	
					Individual	Avg. of 8 samples
1	25033258	4"	400x100x200	10.0	For Grade C(5.0)- 4.0 N/mm ² For Grade C(4.0)- 3.2 N/mm ²	For Grade C(5.0)- 5.0 N/mm ² For Grade C(4.0)- 4.0 N/mm ²
2	25033258	6"	400x150x200	10.4		
3	25033258	8"	401x200x200	12.3		

BLOCK DENSITY :

Sl.No	UIN	Identification#	Measured Dimension (mm)	Block Density (Kg/cu.m)	Requirements as per IS:2185 (Part - I) - 2005
1	25033258	4"	400x100x200	2031	The Solid Concrete blocks used as load bearing units shall have average block density not less than 1800 Kg/m ³
2	25033258	6"	400x150x200	2165	
3	25033258	8"	400x200x200	2126	

As furnished by the customer

Note : 1. The Results relate only to the samples tested
 2. Report shall not be reproduced, except in full, without the written approval of the lab.
 3. Any correction invalidates this report.

for **BUREAU VERITAS (INDIA) PRIVATE LIMITED**
Construction Services Laboratory

S. Umesh

22/07/2025
UMESHA. S
 Technical Manager
 Authorized Signatory

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