

**An ISO / IEC 17025:2017 Accredited Testing Laboratory**

**Test Report**

**Autoclaved Aerated Cellular Concrete Products Density Test**

Customer Name	: Recons Building Products Private Limited	Testing Location	: MUMBAI LAB
Office Address	: 8TH FLOOR, 805, 349 BUSINESS POINT, WESTERN EXPRESS HIGHWAY, ANDHERI, Mumbai Suburban, Maharashtra, 400059	Material Code	: AAC
		Sample Ref No.	: 35554
Site Name (*)	: Ashar Group	Report No.	: AAC-557/4-3
Description (*)	: RECONS AAC Block Size- 600x200x150mm, Date-13/06/2025	Bill No	: 202526MUM793
Contact Details	: Mr. Kautilya Bhatt - 9223589024 (Route : R3)	Date of Mat. Recd	: 16-Jun-2025
Supplier Name (*)	: Recons Building Products Private Limited	Date of Testing	: 23-Jun-2025
		Date of Issue	: 25-Jun-2025

**OBSERVATIONS & CALCULATIONS :**

Sr.No	ID Mark	Length (mm)	Breadth (mm)	Height (mm)	Weight (kg)	Density (kg/m <sup>3</sup> )	Average Density (kg/m <sup>3</sup> )
1	RECONS	200.5	100.8	50.3	0.588	578.4082	583
2	RECONS	200.6	100.8	50.2	0.591	582.2269	
3	RECONS	200.4	100.9	50.6	0.587	573.7183	
4	RECONS	200.2	100.9	50.4	0.601	590.3216	
5	RECONS	200.3	100.7	50.6	0.604	591.8014	
6	RECONS	200.4	100.3	50.8	0.598	585.6509	
7	RECONS	200.6	100.4	50.7	0.595	582.6991	
8	RECONS	200.6	100.9	50.4	0.597	585.2234	
9	RECONS	200.3	100.8	50.5	0.592	580.6158	

**References :**

- 1) IS 6441 : Part 1 : 1972 (RA 2022) : Methods of Test for Autoclaved Cellular Concrete Products : Determination of unit weight or bulk density & moisture content
- 2) IS 2185 : Part 3 : 1984 (RA-2020) : Specification for Concrete Masonry Units : Autoclave Cellular (Aerated) Concrete Blocks.

**Notes :**

- 1) (\*) indicates- Information has been provided by client.
- 2) Sampling has been carried out by client. DESPL is not responsible for sampling criteria.
- 3) Simple acceptance decision rule is applied as per ILAC G8 for the above conducted test.
- 4) The test reports and results relate to the particular specimen/sample(s) of the material as delivered/received and tested in the laboratory.
- 5) Any test report shall not be reproduced except in full, without the written permission from Durocrete.

**This report can be authenticated on our website [www.durocrete.in](http://www.durocrete.in)**

Authorized Signatory

*Nivangune*

(Neeta Nivangune)  
(Sr. Manager – Lab Operations)



(Scan to download report)

Checked By

*Sarwar*

(Sarwar Ali)  
(Sr. Engineer)

--End of Report--