

An ISO / IEC 17025:2017 Accredited Testing Laboratory

Test Report

Autoclaved Aerated Cellular Concrete Products-Moisture Content 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	: OT
Site Name (*)	: Ashar Group	Sample Ref. No.	: 35556
Description (*)	: RECONS AAC Block Size- 600x200x150mm, Date-13/06/2025	Report No.	: OT-6868/1-1
Supplier Name	: -Recons Building Products Private Limited	Bill No.	: DT -202526MUM795
Contact Details	: Mr. Kautilya Bhatt - 9223589024 (Route : R3)	Date of Mat. Recd	: 16-Jun-2025
		Date of Testing	: 27-Jun-2025
		Date of Issue	: 28-Jun-2025

Sr. No.	ID Mark	Dimensions (mm)			Initial Weight	Dry Weight	Moisture Content	Average Moisture Content
		Length	Width	Height	(gm)	(gm)	(%)	(%)
1	RECONS AAC Block	100	200.0	50.0	703	588	19.56	17.93
2	RECONS AAC Block	100	200.0	50.0	698	595	17.31	
3	RECONS AAC Block	100	200.0	50.0	696	589	18.17	
4	RECONS AAC Block	100	200.0	50.0	691	597	15.75	
5	RECONS AAC Block	100	200.0	50.0	695	593	17.20	
6	RECONS AAC Block	100	200.0	50.0	695	586	18.60	
7	RECONS AAC Block	100	200.0	50.0	695	591	17.60	
8	RECONS AAC Block	100	200.0	50.0	702	594	18.18	
9	RECONS AAC Block	100	200.0	50.0	702	590	18.98	

References :

- 1) IS 6441 : Part 1 : 1972 (Reaffirmed Year : 2022)-Methods of test for autoclaved cellular concrete products: Part I Determination of unit weight or bulk density and moisture content.
- 2) IS 2185 : Part 3 : 1984 (Reaffirmed Year : 2020)-Concrete Masonry Units Part 3 Autoclaved 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 sample of the structure as tested on the site.
- 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

Authorized Signatory

Neeta Nivangune
(Sr. Manager-Lab Operation)

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Checked By

Sarwar Ali
(Sr. Engineer)

---End of Report---

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Test Report

Autoclaved Aerated Cellular Concrete Products-Water Absorption 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	: OT
Site Name (*)	: Ashar Group	Sample Ref. No.	: 35556
Description (*)	: RECONS AAC Block Size- 600x200x150mm, Date-13/06/2025	Report No.	: OT-6868/1-1
Supplier Name	: -Recons Building Products Private Limited	Bill No.	: DT -202526MUM795
Contact Details	: Mr. Kautilya Bhatt - 9223589024 (Route : R3)	Date of Mat. Recd	: 16-Jun-2025
		Date of Testing	: 28-Jun-2025
		Date of Issue	: 28-Jun-2025

Sr. No.	ID Mark	Dimensions (mm)			Wet Weight	Dry Weight	Water Absorption	Average Water Absorption
		Length	Width	Height	(gm)	(gm)	(%)	(%)
1	RECONS AAC Block	600	200.0	150.0	16620	13110	26.77	26.23
2	RECONS AAC Block	600	200.0	150.0	16660	13290	25.36	
3	RECONS AAC Block	600	200.0	150.0	16580	13100	26.56	

References :

- 1) Custom method used for above Testing.
- 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 sample of the structure as tested on the site.
- 5) Any test report shall not be reproduced except in full, without the written permission from Durocrete.

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(Sr. Manager-Lab Operation)

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Sarwar Ali
(Sr. Engineer)

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