



**PREMIER FOUNDATION CONSULTANTS & MATERIAL TESTING LABORATORY**

ENGINEERING & SURVEYING CONSULTANTS

(An ISO 9001 : 2015 Certified Company)

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Ref No.: PFCMTL/CT/2018-18/10/F-2

DATE: 02.10.2018

Name of Customer	: Durgamba Build Solutions Co., #475 F2, Sourbha, Jawahar Nehru Road, BEML Stage, RR Nagar, Bangalore-560098
Customer Ref	: Samples supplied to our lab dated on 01.10.2018
Sample Type & Size/Qty	: Autoclaved Cellular (Aerated) Concrete Blocks of Size 150mmx150mmx150mm/ 05Nos
Method of Test code	: IS 6441 Part 1 - 1972, RA 2017 & IS 6441 Part 5 - 1972, RA 2017
Specification code	: IS:2185 (Part-3) - 1984 , RA 2015
Period of test	: 01.10.2018 - 02.10.2018
Sub:	: Determination of Oven dry density and compressive strength of Autoclaved cellular concrete blocks-reg.

**TEST REPORT OF AUTOCLAVED CELLULAR CONCRETE BLOCKS**

(Ref: IS 6441 Part 1 & 5 - 1972, RA-17 & IS: 2185 Part 3 - 1984, RA-15)

**OBSERVATIONS:** Overly Dry density and Compressive Strength of ACC Blocks

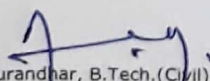
S.No	Type of material	Sample Mark	Actual Dimension of blocks			Density of block in Oven dry condition	Average area of bed face C/Sectional Area	Maximum Load at failure	Compressive Strength	Average Compressive Strength
			Average Length	Average Width	Average Height					
			L in mm	B in mm	H in mm					
1	Autoclaved cellular concrete blocks	Sample No.1	149.4	150.4	150.2	623	22478.76	121.6	5.41	5.13
2		Sample No.2	149.2	150.2	150.1	631	22409.84	120.9	5.39	
3		Sample No.3	149.6	150.5	150.2	626	22514.80	109.3	4.85	
4		Sample No.4	149.3	150.4	150.2	623	22454.72	109.5	4.88	
5		Sample No.5	149.5	150.2	150.3	624	22454.90	115.3	5.13	
Standard Limits as per IS:2185-Part-3 - 1984, RA-2015			L±5mm	B±3	T±3	551-650 Kg/m3	-	-	-	Not less than 3.0N/mm2

Note:1. The results relate only to the items tested and furnished by the Customer.

2. This report is not for the arbitration or evidence in legal dispute is forbidden

**Remarks:**

Tested samples conforms to I.S 2185 (Part-3) - 1984, RA 2015 Standards with respect to compressive strength test conducted.

  
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