



**BUREAU
VERITAS**



*NABL Accredited Lab
as per ISO/IEC: 17025*

Ref: BVIPL: AAC: BL/1042/8/2019
Test order dated: 13.08.2019

Date: 06.09.2019
ULR-TC600619000014759F

Durgamba Build Solutions Co
No. 475 F2, Sourbha Jawaharlal Nehru Road,
BEML 3rd Stage, RR Nagar, Bangalore 560098

MECHANICAL TESTING
Building Materials

FINAL TEST REPORT ON AAC BLOCKS

Source of Sample	:	Sample supplied by the customer
Customer's Reference	:	Letter dated 13.08.2019
UIN	:	19028034
No. of samples tested	:	4 (Four)
Project	:	Not Furnished
Size of the sample #	:	600 x 200 x 150 mm
Period of Test	:	14.08.2019 to 03.09.2019
Condition of samples	:	Satisfactory
Test Method	:	IS: 6441 (Part 1, 5) – 1972 (Reaffirmed 2017) IS 6598-1972 (Reaffirmed 2010) & IS: 6598-2018

I. COMPRESSIVE STRENGTH:

Sl. No	Nominal Size of test Specimen (mm)	Compressive Strength (N/mm ²)	Minimum Compressive strength as per IS:2185 (Part-III)-1984 (Reaffirmed 2015)
1	150 x 150 x 150	4.0	For Grade 1- Min.4.0 N/mm ² For Grade 2- Min.3.0 N/mm ²

II. WATER ABSORPTION:

Sl No	Size of test Specimen (mm)	(Capillary Absorption) (% by mass)
1	160 x 40 x 40	29.1

III. BULK DENSITY:

Sl No	Nominal Size of test Specimen (mm)	Oven dry density (kg/m ³)	Requirements as per IS:2185 (Part-III)-1984 (Reaffirmed 2015)
1	200 x 100 x 50	640	551 650 kg/m ³

IV. DRYING SHRINKAGE:

Sl. No	Size of test specimen (mm)	Drying Shrinkage (%)	Requirements as per IS:2185 (Part-III)-1984 (Reaffirmed 2015)
1	150 x 40 x 40	0.035	For Grade I – Max. 0.05% For Grade II – Max. 0.10%

As furnished by the customer

This report supersedes the earlier report of ULR-TC600619000014117F dated 23.08.2019

- Note:
1. The results relate only to the items tested.
 2. Report shall not be reproduced except in full, without written approval of the lab.
 3. Any corrections invalidate this report.

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

Bureau Veritas (India) Private Limited
(Construction Services Laboratory)
43, 45-47, Pete Chennappa Inds. Estate, 1st Stage,
Magadi Road, Kamakshipalya, Bangalore 560 079.
Tel.: +91 80 23011800 Fax: +91 80 23011833
bangalore.lab@in.bureauveritas.com

Regd. Off. : 72 Business Park, Ground Floor
Marol Industrial Area, MIDC, Cross Road 'C'
Andheri (East), Mumbai - 400 093. INDIA
Tel.: +91 22 62742000 Fax: +91 22 62742008
www.bureauveritas.co.in
GLN: U74210MH2001PTC134262

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Am
13/09/2019
SUSHILA V. RAMANAN
Quality Manager