



CSRL - STRUCTWEL LAB (PUNE) PRIVATE LIMITED

CONSTRUCTION MATERIAL TESTING, NDT & GEOTECH SERVICES

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Corporate Identity Number : U73100PN2004PTC019875 • GST No. : AACCC5060D2Z1



Accredited Laboratory Based On ISO/IEC 17025 : 2005

TEST REPORT NO. & DATE

CSRL-STRUCTWEL/Pun0610918/18948

1. Name & Address of Customer

22/12/18/ URL-TC725818000005309F

ANIMISH ENTERPRISES
RUNWAL MEADOWS, SOBAPURAM SOCIETY, 6/18

2. Project / Site

WARJE HIGHWAY

Chiplun MIDC

Chiplun

ltr.dt. 12/12/18

3. Customer's Reference

4. Sample

i) Description

Wire Cut Perforated Bricks

ii) Quantity

10 Nos.

iii) Date of receipt

12/12/18

iv) Condition

Acceptable

5. Test method followed, if any

I.S. 3495 :1992 (Parts I to IV) (Reaffirmed 2002)

6. Date of Testing

22/12/18



CERTIFICATE NO. : TC - 7258

TEST REPORT

I. WATER ABSORPTION TEST

Sr. No.	ID. Marks	Oven dry weight of brick (W ₁) Kg.	Weight of brick after immersion in water (W ₂) Kg.	Water Absorption (W ₂ - W ₁ /W ₁) x 100 %
1	--	1.804	2.102	16.52
2	"	1.764	2.056	16.55
3	"	1.846	2.150	16.47
4	"	1.870	2.184	16.79
5	"	1.858	2.164	16.47

Avg. 16.56

Remarks : Permissible : As per IS. 1077, 20% upto class 12.5 and 15% for higher class.

II. COMPRESSIVE STRENGTH TEST

Sr. No.	ID. Marks	Size of bricks (mm)	Area (mm ²)	Crushing Load (KN)	Compressive Strength	
					(N/mm ²)	(Kg/cm ²)
1	--	228 x 96 x 76	21888.00	144.3	6.59	67.20
2	"	230 x 96 x 76	22080.00	165.6	7.50	76.45
3	"	230 x 96 x 77	22080.00	138.7	6.28	64.03
4	"	229 x 96 x 76	21984.00	164.2	7.47	76.14
5	"	230 x 97 x 77	22310.00	152.6	6.84	69.72

Avg. 6.94 70.71

Remarks : Permissible : As per IS. 1077, Table 1.

III. AVERAGE DENSITY (Kg/m³)


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IV. EFFLORESCENCE TEST

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NOTE :

- This test report refers only to the sample submitted for testing.
- This test report is valid at the time of and under the conditions specified herein.
- This test report may not be reproduced in part, without the permission of this laboratory.
- Any correction invalidates this test report.
- 1 Kg/cm² = 0.0981 N/mm².


Swati Chirputkar (Quality Manager)
Authorised Signatory