

**Test Report - Gypsum**

Customer Name : Bizcrete Buildmark Pvt.Ltd.  
 Office Address : Office No-111,Raviraj Astria , Opp. Sai Service, Kondhwa Budruk, Pune-411048  
 Site Name : Bizcrete Buildmark Pvt. Ltd., Kondhwa BK  
 Description : Buildmark Gypsum  
 Supplier Name : ---  
 Contact Details : Mr.Khallullah Khan - 9860028901 (Route : R1)

Branch Code : 01  
 Material Code : OT  
 Sample Ref No. : 45494  
 Record No. : 2489/1-1  
 Bill No : 201819PUN4592  
 Date of Mat. Recd : 14-Jan-2019  
 Date of Testing : 23-Jan-2019  
 Date of Issue : 29-Jan-2019

**OBSERVATIONS & CALCULATIONS :**

Sr no.	Test	Unit	Test Result
1	Normal Consistency	%	37.0
2	Setting Time	Minutes	21.0
3	Flexural Strength (1 Day)	Kg/cm <sup>2</sup>	45.90
4	Compressive Strength (1 Day)	N/mm <sup>2</sup>	6.00
5	Compressive Strength (7 Day)	N/mm <sup>2</sup>	9.58
6	Loose Bulk Density	Kg/m <sup>3</sup>	922
7	Residue on 150 um sieve	%	0.12

**Requirement as per IS 2547(Part-1) - 1976, RA-2002, Amend No.2 'Specification For Gypsum Building Plaster.'**

Sr no.	Test	Unit	Plaster of paris		Anhydrous Gypsum plaster	Keene's Plaster
			Type A (short time setting)	Type B (Long time setting)		
1	Normal Consistency	%	-	-	-	-
2	Setting Time	Minutes	-	-	-	-
3	a) Plaster sand mixture	Minutes	45-120	120-900	-	-
4	b) Neat Plaster	Minutes	10-30	60-180	20-360	20-360
5	Flexural Strength (Min)	kg/cm <sup>2</sup>	5	4*	-	-
6	Residue on 150um sieve (Max)	%	5.0	5.0* (1.0)+	2.0	2.0

**Requirement as per IS 2547(Part-2) - 1976, RA-2002, 'Specification For Gypsum Building Plaster.'**

Sr no.	Test	Unit	Undercoat Plaster(Type A)			Final Coat Plaster(Type B) Finish Plaster
			Browning Plaster	Metal Lathing Plaster	Bonding Plaster	
1	Compressive Strength(Min.)	N/mm <sup>2</sup>	0.93	1.0	1.0	-
2	Loose Bulk Density(Max.)	Kg/m <sup>3</sup>	640	770	770	-

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Website : www.durocrete.com

**References :**

- 1) IS 2547(Part -1 & 2) - 1976, RA-2002 - Specification For Gypsum Building Plasters(Part-I Excluding Premixed Lightweight Plasters).
- 2) IS 2542(Part 1/Sec 1 to 12) - 1978, RA-2002 - Methods of test for Gypsum Plaster, Concrete & Products.

**Remarks :**

- 1) \* Applicable to undercoat plasters only.
- 2) + Applicable to final coat plasters.

**Notes :**

- 1) The test reports and results relate to the particular specimen/sample(s) of the material as delivered/received and tested in the laboratory.
- 2) Any test report shall not be reproduced except in full, without the written permission from Durocrete.
- 3) Any alteration/change in the originally printed and issued report, would render this report as INVALID.

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Authorized Signatory



Irsha Kangude

(Engineer -Testing services)

29/01/19

Checked by : Neeta Nivangune

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