

Test Report Gypsum Physical

Customer Name : Shri Balaji Plasters.
 Office Address : Sr. No. 46/1/2, Opp. Orchid International School, Pisoli-
 Mohammadwadi Road, Undri, Pune-411060
 Site Name : Shri Balaji Plasters, Undri
 Description : Gypsure Gypsum
 Supplier Name : ---
 Contact Details : Mr. Naveen Pareek - 9766510766,8624975671 (Route : R1)

Branch Code : 01
 Material Code : OT
 Sample Ref No. : 98462
 Record No. : 7110/1-1
 Bill No : 202122PUN6279
 Date of Mat. Recd : 04-Jan-2022
 Date of Testing : 07-Jan-2022
 Date of Issue : 07-Jan-2022

OBSERVATIONS & CALCULATIONS :

Sr no.	Test	Unit	Test Result
1	Normal Consistency	%	58
2	Setting Time	Minutes	28
3	Flexural Strength (1 Day)	Kg/cm ²	15.28
4	Compressive Strength (1 Day)	N/mm ²	2.96
5	Compressive Strength (7 Day)	N/mm ²	Awaited
6	Loose Bulk Density	Kg/m ³	654

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 ²	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 ²	0.93	1.0	1.0	-
2	Loose Bulk Density(Max.)	Kg/m ³	640	770	770	-

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) Normal Consistency (%) is reported as per information given by customer

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.

This report can be authenticated on our website www.durocrete.in

Authorized Signatory



Irsha Kangude

(Manager – Lab Operation)

Checked by : Alok Kumar

--End of Report--