

**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 Plus Gypsum, Batch No-GYP09-23

Supplier Name : ---

Contact Details : Mr. Naveen Pareek - 9766510766, 8624975671 (Route : R1)

Branch Code : 01

Material Code : OT

Sample Ref No. : 135842

Record No. : OT-11244/1-1

Bill No : 202324PUN5408

Date of Mat. Recd : 18-Oct-2023

Date of Testing : 25-Oct-2023

Date of Issue : 26-Oct-2023

OBSERVATIONS & CALCULATIONS :

Sr no.	Test	Unit	Test Result
1	Normal Consistency	%	70
2	Setting Time	Minutes	22
3	Compressive Strength (1 Day)	N/mm ²	4.54
4	Compressive Strength (7 Day)	N/mm ²	6.94
5	Loose Bulk Density	Kg/m ³	742
6	Residue on 150 um sieve	%	0.642

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	-

Durocrete Engineering Services Pvt. Ltd.

Sr. No. 38/2/3, Near PARI Chowk & ONG Pump,
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DUROCRETE

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Website : www.durocrete.in

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.

Authorized Signatory

Irsha Kangude
(Manager – Lab Operation)

Checked by : Jaiki Singh