

TL-1092

An ISO / IEC 17025:2017 Accredited Testing Laboratory

Test Report

Gypsum Physical

Customer Name: Shri Balaji Plasters.

Office Address : Sr.No.46/1/2,Opp.OrchidInternationalSchool,Pisoli-Mohammadwadi Road, Undri, Pune-411060

Site Name (*) : Shri Balaji Plasters, Undri

Description (*) : Gypsum Powder, Gypsure Plus, Gyp11-23, Mfg Date-November-2023, Batch No-Gyp 11/2023

Supplier Name :-

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

Testing Location : PUNELAB

Material Code : OT

Sample Ref No. 145794

Report No. : OT-10766/1-1

Bill No : 202324PUN7125

Date of Mat. Recd :25-Dec-2023

Date of Testing :04-Jan-2024

Date of Issue :05-Jan-2024

OBSERVATIONS&CALCULATIONS:

Sr no.	Test	Unit	Test Result
1	Setting Time	Minutes	19
2	Compressive Strength(1Day)	N/mm ²	5.77
3	Compressive Strength(7Day)	N/mm ²	7.84
4	Loose Bulk Density	Kg/m ³	724
5	Fineness by dry sieving	%	0.36

Requirement as per IS2547(Part-1)-1976,RA-2002,AmendNo.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)Plasters and mixture	Minutes	45-120	120-900	-	-
4	b)Neat Plaster	Minutes	10-30	60-180	20-360	20-360
5	Residueon150umsieve (Max)	%	5.0	5.0*(1.0)+	2.0	2.0

Requirement as per IS2547(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	-

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References:

- 1) IS2547 (Part-1&2)-1976, RA-2002-Specification For Gypsum Building Plasters (Part-I Excluding Premixed Light weight Plasters).
- 2) IS2542 (Part1/Sec1to12)-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) (*) indicates- Information has been provided by client.
- 2) Sampling has been carried out by client. DESPL is not responsible for sampling criteria.
- 3) Simple acceptance decision rule is applied as per ILAC G8 for the above conducted test.
- 4) The test reports and results relate to the particular specimen/sample(s) of the material as delivered/received and tested in the laboratory.
- 5) Any test report shall not be reproduced except in full, without the written permission from Durocrete.

Authorized Signatory



Sunny Joshi
(Sr. Engineer Operations)

Checked by: Supriya Patil

--End of Report--