

Durocrete Engineering Services Pvt. Ltd.

Sr. No. 38/2/3, Near PARI Chowk & CNG Pump,
Opp. Venkatesh Sharvil Soc., Narhe Ind. Estate Pune-42.
Tel No: +91-9881795302, 020-24345170, 24348027
Email: info@durocrete.acts-int.com

DUROCRETE

Test with the Best

A Company of ACTS

Website : www.durocrete.in

Test Report Gypsum Chemical

Customer Name	: Shri Balaji Plasters.	Branch Code	: 01
Office Address	: Sr. No. 46/1/2, Opp. Orchid International School, Pisoli-Mohammadwadi Road, Undri, Pune-411060	Material Code	: OT
Site Name	: Mantra Park View, Dhayri	Sample Ref No.	: 109499
Description	: Gypsure Plus Gypsum, Batch No-GYP 06-22	Record No.	: 8228/1-1
Supplier Name	: ---	Bill No	: 202223PUN2516
Contact Details	: Mr. Rohit - 8624975671 (Route : R6)	Date of Mat. Recd	: 07-Jul-2022
		Date of Testing	: 08-Jul-2022
		Date of Issue	: 09-Jul-2022

OBSERVATIONS & CALCULATIONS :

A) Chemical Analysis :

Sr no.	Test	Unit	Test Result
1	Sulphate (SO ₃)	%	48.26
2	Total Calcium (CaO)	%	37.5
3	Loss on Ignition	%	5.33
4	Free Lime	%	Nil

B) Specifications : IS 2547(Part 1) -1976 : 'Specification For Gypsum Building Plaster.'

Sr no.	Test	Unit	Plaster of paris	Retarded Hemihydrate Gypsum plaster	Anhydrous Gypsum Plaster	Keene's Plaster
1	Sulphate (SO ₃)	%	Min 35	Min 35	Min 40	Min 47
2	Total Calcium (CaO)	%	Min 2/3 of SO ₃	Min 2/3 of SO ₃	Min 2/3 of SO ₃	Min 2/3 of SO ₃
3	Loss on Ignition	%	4 - 9	4 - 9	Max 3.0	Max 2.0
4	Free Lime	%	-	3+	-	-

References :

- 1) IS 2547(Part - 1) - 1976 : 'Specification For Gypsum Building Plaster.'
- 2) IS 1288-1973 Method of test for mineral gypsum & gypsum product.

Remarks :

- 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) + Applicable to metal lathing plaster.

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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 : Hemant Singh

--End of Report--