

## Durocrete Engineering Services Pvt. Ltd.

Plot no A387, CP Talav, Ram Nagar, Rd Number 28, near sadhana junior College, Wagle Industrial Estate, Thane West, Thane, Maharashtra 400604

Tel No: +91-9850500013,

Email: infomumbai@durocrete.acts-int.com

## DUROCRETE

Test with the Best

Website : www.durocrete.in

### Test Report Gypsum Physical

Customer Name	: Shri Balaji Plasters.	Branch Code	: 02
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.	: 109500
Description	: Gypsure Plus Gypsum, Batch No-GYP 06-22	Record No.	: 8229/1-1
Supplier Name	: ---	Bill No	: 202223PUN2518
Contact Details	: Mr. Rohit - 8624975671 (Route : R6)	Date of Mat. Recd	: 07-Jul-2022
		Date of Testing	: 12-Jul-2022
		Date of Issue	: 12-Jul-2022

#### OBSERVATIONS & CALCULATIONS :

Sr no.	Test	Unit	Test Result
1	Normal Consistency	%	49
2	Setting Time	Minutes	13
3	Compressive Strength (1 Day)	N/mm <sup>2</sup>	7.40
4	Compressive Strength (7 Day)	N/mm <sup>2</sup>	Awaited
5	Residue on 150 um sieve	%	0.256

#### 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	-

## Durocrete Engineering Services Pvt. Ltd.

Plot no A387, CP Talav, Ram Nagar, Rd Number 28, near sadhana junior  
College, Wagle Industrial Estate, Thane West, Thane, Maharashtra 400604

Tel No: +91-9850500013,

Email: [infomumbai@durocrete.acts-int.com](mailto:infomumbai@durocrete.acts-int.com)

## DUROCRETE

Test with the Best

Website : [www.durocrete.in](http://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.

**This report can be authenticated on our website [www.durocrete.in](http://www.durocrete.in)**

Authorized Signatory



Irsha Kangude

(Manager – Lab Operation)

Checked by : Sunny Joshi

--End of Report--