

Test Report Gypsum Test

Customer Name : Perlcon Premix Pvt Ltd.	Branch Code : 01
Office Address : 302 Akshay, 53, Shirmali Society Navrangpura, Ahmedabad-382009	Material Code : OT
Site Name : Perlcon Premix Pvt Ltd., Ahmedabad	Sample Ref No. : 60364
Description : Perlcon Gypsum Plaster	Record No. : 3303/1-1
Supplier Name : ---	Bill No : 201920PUN5010
Contact Details : Mr. Sunil Chaurasiya & Pravin Rathod - 9850372039 (Route : R1)	Date of Mat. Recd : 20-Nov-2019
	Date of Testing : 05-Dec-2019
	Date of Issue : 06-Dec-2019

OBSERVATIONS & CALCULATIONS :

Sr no.	Test	Unit	Test Result
1	Normal Consistency	%	48.7
2	Setting Time	Minutes	41.0
3	Flexural Strength (1 Day)	Kg/cm ²	32.0
4	Compressive Strength (1 Day)	N/mm ²	3.0
5	Compressive Strength (7 Day)	N/mm ²	7.85
6	Loose Bulk Density	Kg/m ³	656

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) * 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.com

Authorized Signatory



Irsha Kangude
(Senior Engineer)

Checked by : Dileep Kumar Singh

--End of Report--