

TEST REPORT

TEST REPORT ISSUED BY: **VASAI LAB (TEST)**

TEST REPORT NO.

ULR NO.

TEST REPORT & ISSUE DATE:

DISCIPLINE : MECHANICAL TEST

CUSTOMER NAME & ADDRESS:

M/s SHREE RENUKA MINES LLP

Ground Floor, Shop No. 1, CTS NO 1510, Shiv Krupa, Plot No 4, Bauxite Road, Basava Colony, Belagavi

QUANTITY:

DATE OF RECEIPT:

CUSTOMER REF. NO & DATE:

CONDITION OF SAMPLE ON RECEIPT:

TEST METHOD:

SAMPLE TESTED BY/AT: **VASAI LAB (TEST)**

VST-30526-TR-753256

TC571325000004589F

21/02/2025

GROUP NAME : BUILDING MATERIALS

PROJECT SITE ADDRESS:

SHREE RENUKA MINES LLP

Sy No.527, Madamgeri, Gokak, Yargatti Road, Yargatti Taluka, Belgaum District, Karnataka- 591129 Belgaum

1.5 kg

17/02/2025

Letter Dated : 17/02/2025

Ok

IS 2386 Part-01 : 1963 RA : 2021 Amd: 04, IS 2386 Part-03 : 1963 RA 2021

Ams-01, Reference Standard IS 383: 2016 Amd-2

FINE AGGREGATE PHYSICAL TEST RESULTS:

(*)SOURCE OF SAMPLE: Sample - 1

(*)TYPE OF AGGREGATE : NATURAL SAND

PERIOD OF TEST : 17/02/2025 TO 19/02/2025

PARTICLE SIZE DISTRIBUTION TEST: TEST METHOD : IS 2386(Part-01)

IS SIEVE (mm)	Percentage Retain Weight	Percentage Cumulative Retain Weight	Percentage Cumulative Passing Weight	Requirement of Percentage Passing As Per IS 383, Table No-9 for Fine Aggregate			
				Zone-I	Zone-II	Zone-III	Zone-IV
10.00	0.0	0.0	100.0	100	100	100	100
4.75	0.0	0.0	100.0	90-100	90-100	90-100	95-100
2.36	2.6	2.6	97.4	60-95	75-100	85-100	95-100
1.18	7.1	9.7	90.3	30-70	55-90	75-100	90-100
0.600	22.3	32.0	68.0	15-34	35-59	60-79	80-100
0.300	55.6	87.6	12.4	5-20	8-30	12-40	15-50
0.150	10.1	97.7	2.3	0-10	0-10	0-10	0-15
Pan	2.4	100.0	0.0	-	-	-	-

Please refer clause 6.3 & Table no 9

Clause No. 6.3 of IS 383: The grading of fine aggregate, when determined as described in IS 2386 (Part 1) shall be within the limits given in Table 9 and shall be described as fine aggregate, Grading Zones I, II, III and IV. Where the grading falls outside the limits of any particular grading zone of sieves over than 600 μm IS Sieve by an amount not exceeding 5 percent for a particular sieve size, (subject to a cumulative amount of 10 percent), it shall be regarded as falling within that grading zone. This tolerance shall not be applied to percentage passing the 600 μm IS Sieve or to percentage passing any other sieve size on the coarse limit of Grading Zone I or the finer limit of Grading Zone IV.

Remarks : For crushed stone sands, the permissible limit on 150 μm IS Sieve is increased to 20%. This does not affect the 5% allowance permitted in IS 383 clause no 6.3 Note-1 of table-9 applying to other sieve sizes.

As Per IS 383 Clause No 6.3 Note-1 of table-9: The grading falls outside the limits of any particular grading zone of sieves other than 600-micron IS Sieve by a total amount not exceeding 5 percent, it shall be regarded as falling within that grading zone. This tolerance shall not be applied to percentage passing the 600-micron IS Sieve or to percentage passing any other sieve size on the coarse limit of Grading Zone I or the finer limit of Grading Zone IV.

ULR NO. : TC571325000004589F

DISCIPLINE : MECHANICAL TEST

GROUP NAME : BUILDING MATERIALS

Sr. No	Type of test	Test method	Results (individual)	Results (Mean)	Requirements As Per IS 383
1	MATERIAL FINER THAN 75 μ , %	IS 2386(Part-01)	--	1.6	Max 3.00
2	WATER ABSORPTION (% OF DRY WEIGHT), %	IS 2386 (Part-03) Method III	1.32	1.37	
			1.42		
3.1	SPECIFIC GRAVITY BASED ON DRY AGGREGATE	IS 2386 (Part-03) Method III	2.62	2.61	
			2.61		
3.2	SPECIFIC GRAVITY-BASED ON SSD CONDITION OF AGGREGATE	IS 2386 (Part-03) Method III	2.65	2.65	
			2.65		

Remark:

(*)Mark Information furnished by the customer and can affect the validity of test results.

NOTE:

- Sample/s was/were not drawn by laboratory.
- The Reported result/s is/are valid only to the sample submitted to the laboratory.
- No part of the report, except in full, shall be reproduced without written consent of the laboratory.

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*****End of Report*****


 Mahemood Ahmed
 Authorized Signatory



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