

Laboratory	Concrete Futures Laboratory, Ambuja Cements Ltd., Parimal Cross Road, Ellisbridge, Ahmedabad, Gujarat		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Mechanical Testing	Issue Date	16.11.2016
Certificate Number	T-3067	Valid Until	15.11.2018
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S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I. BUILDINGS MATERIALS				
1.	Fine Aggregates	Sieve Analysis	IS 2386 (Part 1): 1963 (RA 2011)	Upto 100 % using IS Sieve (4.75 mm to 150 micron)
		Particle Finer than 75 micron	IS 2386 (Part 1): 1963 (RA 2011)	0 to 25 %
		Specific Gravity	IS 2386 (Part 3): 1963 (RA 2011)	1 to 4
		Water Absorption	IS 2386 (Part 3): 1963 (RA 2011)	0.05 % to 10 %
		Loose Bulk Density	IS 2386 (Part 3): 1963 (RA 2011)	1 kg/l to 2.5 kg/l
		Rodded Bulk Density	IS 2386 (Part 3): 1963 (RA 2011)	1 kg/l to 3.0 kg/l
2.	Coarse Aggregate	Sieve Analysis	IS 2386 (Part 1): 1963 (RA 2011)	Upto 100 % using IS Sieve (63 mm to 4.75 mm)
		Elongation Index	IS 2386 (Part 1): 1963 (RA 2011)	1 % to 50 %
		Flakiness Index	IS 2386 (Part 1): 1963 (RA 2011)	1 % to 50%
		Specific Gravity	IS 2386 (Part 3): 1963 (RA 2011)	1 to 4
		Water Absorption	IS 2386 (Part 3): 1963 (RA 2011)	0 to 20 %

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