

Laboratory Concrete Futures Laboratory-Ambuja Cements Limited, 393, Shri Gopal Nagar, Gopalpura Bypass, Jaipur, Rajasthan

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-7262

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Validity 18.05.2018 to 17.05.2020

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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MECHANICAL TESTING

I.	BUILDING MATERIALS			
1.	Fine Aggregates	Sieve Analysis	IS 2386 (Part 1)	0 to 100 % (0.150 mm to 4.75 mm)
		Material finer than 75 µm	IS 2386 (Part 1)	0.5 % to 25 %
		Bulk Density	IS 2386 (Part 3)	1 kg/L to 3 kg/L
		Specific Gravity	IS 2386 (Part 3)	1 to 5
		Water Absorption	IS 2386 (Part 3)	1 % to 5 %
2.	Coarse Aggregates	Flakiness index	IS 2386 (Part 1)	1 % to 100 %
		Elongation index	IS 2386 (Part 1)	1 % to 100 %
		Sieve Analysis	IS 2386 (Part 1)	0 to 100 % (4.75 mm to 63 mm)
		Bulk density	IS 2386 (Part 3)	1 kg/L to 3 kg/L
		Specific gravity	IS 2386 (Part 3)	1 to 5
		water absorption	IS 2386 (Part 3)	1 % to 5 %
3.	Concrete Cubes	Compressive Strength	IS 516	10 N/mm ² to 85 N/mm ²

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