

Laboratory Prism Johnson Limited-RMC (India) Division, Central Lab-
Thirumudivakkam, AC 26, SIDCO Industrial Estate, Thirumudivakkam,
Chennai, Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-5297 Page 1 of 1

Validity 06.08.2018 to 16.03.2019 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.	Coarse Aggregate	Sieve Analysis	IS 2386(Part 1):1963 (RA 2016)	4.75 mm to 63mm
		Specific Gravity	IS 2386(Part 3):1963 (RA 2016)	2 to 4
		Water Absorption	IS 2386(Part 3): 1963 (RA 2016)	0.20% to 2%
		Bulk Density (Avg of Loose and Rodded)	IS 2386(Part 3): 1963 (RA 2016)	1300 kg/m ³ to 1900 kg/m ³
		Flakiness Index	IS 2386(Part 1): 1963 (RA 2016)	1% to 50%
		Elongation Index	IS 2386(Part 1):1963 (RA 2016)	1% to 50%
2.	Fine Aggregate	Sieve Analysis	IS 2386(Part 1): 1963 (RA 2016)	0.75 mm to 10 mm
		Specific Gravity	IS 2386(Part 3):1963 (RA 2016)	2 to 4
		Water Absorption	IS 2386(Part 3):1963 (RA 2016)	0.5% to 4%
		Bulk Density (Avg of Loose and Rodded)	IS 2386(Part 3):1963 (RA 2016)	1300 kg/m ³ to 2100 kg/m ³
3.	Hardened Concrete	Compressive Strength	IS 516: 1959 (RA 2013)	5 N/mm ² to 80 N/mm ²
4.	Ordinary Portland Cement	Initial Setting Time	IS 4031(Part 5):1988 (RA 2014)	10 min to 250 min
		Final Setting Time	IS 4031(Part 5):1988 (RA 2014)	170 min to 600 min
		Compressive Strength	IS 4031(Part 6):1988 (RA 2014)	5 N/mm ² to 65 N/mm ²
		Normal Consistency	IS 4031(Part 6):1988 (RA 2014)	25% to 33%