

**Laboratory** RMC Readymix (India), A Division Of Prism Cement Limited, # 22 A, Doddanekkunde Industrial Area, Mahadevapura Post, Whitefield Road, Bangalore, Karnataka

**Accreditation Standard** ISO/IEC 17025: 2005

**Discipline** Mechanical Testing **Issue Date** 19.12.2014

**Certificate Number** T- 2390 **Valid Until** 18.12.2016

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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
<b>I. BUILDING MATERIALS</b>				
<b>1. Coarse Aggregates</b>	Sieve analysis		IS 2386 (Part 1): 1963 (RA 2011)	4.75 mm to 63 mm
	Specific Gravity		IS 2386 (Part 3): 1963 (RA 2011)	2 to 4
	Water absorption		IS 2386 (Part 3): 1963 (RA 2011)	0.1 % to 5 %
	Bulk density (Loose)		IS 2386 (Part 3): 1963 (RA 2011)	1 kg/L to 2.5 kg/L
	Bulk density (Rodded)		IS 2386 (Part 3): 1963 (RA 2011)	1 kg/L to 2.5 kg/L
	Flakiness Index		IS 2386 (Part 1): 1963 (RA 2011)	1 % to 50 %
	Elongation Index		IS 2386 (Part 1): 1963 (RA 2011)	1 % to 50 %
	Aggregate Impact Value		IS 2386 (Part 4): 1963 (RA 2011)	5 % to 50 %
<b>2. Fine Aggregates</b>	Aggregate Crushing Value		IS 2386 (Part 4): 1963 (RA 2011)	1% to 50 %
	Sieve analysis		IS 2386 (Part 1): 1963 (RA 2011)	150 micron to 10 mm
	Specific Gravity		IS 2386 (Part 3): 1963 (RA 2011)	2 to 4
	Water absorption		IS 2386 (Part 3): 1963 (RA 2011)	0.1 % to 5 %
<b>3. Hardened Concrete</b>	Bulk density		IS 2386 (Part 3): 1963 (RA 2011)	1 kg/L to 2.5 kg/L
	Compressive strength		IS 516: 1959 (RA 2008)	5 N/mm <sup>2</sup> to 80 N/mm <sup>2</sup>

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