

Laboratory RMC Readymix (India), (A Division of Prism Cement Limited),
L.B.S. Marg, CTS No. 177, Ghatkopar Village (West), Mumbai,
Maharashtra

Accreditation Standard ISO/IEC 17025: 2005

Discipline Mechanical Testing **Issue Date** 14.11.2014

Certificate Number T-3194 **Valid Until** 13.11.2016

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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
I.	BUILDING MATERIALS			
1.	Concrete	Compressive strength	IS 516: 1959: 1963 (RA 2004)	1 N/mm ² to 110 N/mm ²
2.	Coarse Aggregate	Sieve analysis	IS 2386 (Part 1): 1963 (RA 2007)	4.75 mm to 125 mm
		Bulk density	IS 2386 (Part 3): 1963 (RA 2007)	1.0 kg/L to 2.0 kg/L
		Specific gravity	IS 2386 (Part 3): 1963 (RA 2007)	1.0 to 3.5
		Water Absorption	IS 2386 (Part 3): 1963 (RA 2007)	0.1 % to 50 %
		Impact Value	IS 2386 (Part 4): 1963 (RA 2007)	3 % to 50 %
		Crushing Value	IS 2386 (Part 4): 1963 (RA 2007)	3 % to 50 %
		Elongation index	IS 2386 (Part 1): 1963 (RA 2007)	2 % to 60 %
		Flakiness Index	IS 2386 (Part 1): 1963 (RA 2007)	2 % to 60 %
3	Fine Aggregate	Sieve analysis	IS 2386 (Part 1): 1963 (RA 2007)	75 Microns to 10 mm
		Bulk density	IS 2386 (Part 3): 1963 (RA 2007)	1 kg/L to 3.5 kg/L
		Specific gravity	IS 2386 (Part 3): 1963 (RA 2007)	1 to 3.5
		Water Absorption	IS 2386 (Part 3): 1963 (RA 2007)	0.1 % to 20 %
4.	Cement OPC/PPC Slag	Normal Consistency	IS 4031 (Part 4): 1988 (RA 2005)	10 % to 40 %
		Setting Time Initial	IS 4031 (Part 5): 1988 (RA 2005)	5 min. to 300 min
		Final		30 min. to 700 min

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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
	Cement OPC/PPC Slag	Fineness by Blain's air permeability	IS 4031 (Part 2): 1999 (RA 2004)	50 m ² /kg to 700 m ² /kg
		Soundness By LeChattelier Method	IS 4031 (Part 3): 1988 (RA 2005)	0 to 10 mm
		Compressive Strength	IS 4031 (Part 6): 1988 (RA 2005)	5 Mpa to 70 Mpa
		Density	IS 4031 (Part 11): 1988 (RA 2005)	2.5 to 3.3

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