

**Laboratory** J.K. White Cement Works, Post Office Gotan, Distt. Nagaur, Rajasthan

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

**Discipline** Mechanical Testing **Issue Date** 18.03.2015

**Certificate Number** T-1933 **Valid Until** 17.03.2017

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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.</b>	<b>Cement OPC, PPC, PSC &amp; White Cement</b>	Fineness by Blaine Air		
		Permeability	IS 4031 (Part 2): 1999 (RA 2013)	200 m <sup>2</sup> /kg to 600 m <sup>2</sup> /kg
		Consistency	IS 4031 (Part 4): 1988 (RA 2013)	20 % to 50.0 %
		Setting Time		
		Initial Setting Time	IS 4031 (Part 5): 1988 (RA 2013)	5 Minute to 300 Minute
		Final Setting Time	IS 4031 (Part 5): 1988 (RA 2013)	30 Minute to 600 Minute
		Soundness		
		Le Chatelier	IS 4031 (Part 3): 1988 (RA 2013)	0.5 mm to 20.0 mm
		Autoclave	IS 4031 (Part 3): 1988 (RA 2013)	0.01 % to 2.0 %
		Compressive Strength	IS 4031 (Part 6): 1988 (RA 2013)	10 MPa to 90 MPa
		Whiteness Index	IS 8042: 1989 (RA 2014)	50 % to 100%
		Consistency	EN 196 (Part 3): 2005	20 % to 50.0 %
		Setting Time		
		Initial Setting Time	EN196 (Part 3): 2005	5 Minute to 300 Minute
		Final Setting Time	EN196 (Part 3): 2005	30 Minute to 600 Minute
Soundness				
Le Chatelier	EN196 (Part 3): 2005	0.5 mm to 20.0 mm		
Compressive Strength				
Strength (Using Prism Moulds)				
Compressive Strength	EN 196 (Part 1): 2005	5.0 MPa to 80.0 MPa		
Flexural Strength	EN 196 (Part 1): 2005	2.0 MPa to 15.0 MPa		

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