

Laboratory	Conmat Technologies Pvt. Ltd., CF 318, Sector -1, Salt Lake, Kolkata, West Bengal		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Mechanical Testing	Issue Date	11.12.2013
Certificate Number	T-2738	Valid Until	10.12.2015
Last Amended on	-	Page	1 of 1

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
1.	BUILDING MATERIALS			
1.	CEMENT	Fineness by Blaine Air Permeability Apparatus	IS 4031 (Part II): 1996	210 m ² /kg to 600 m ² /kg
		Soundness by Autoclave Method and Le Chatelier Method	IS 4031 (Part III): 1988	0.03% to 0.8% 0 to 5 mm
		Consistency	IS 4031 (Part IV): 1988	26% to 40%
		Setting Times (Initial and Final)	IS 4031 (Part V): 1988	10 min to 300 min 10 min to 600 mm
		Compressive Strength	IS 4031 (Part VI): 1988	10 MPa to 62 MPa
2.	POZZOLANIC MATERIAL (FLYASH)	Fineness by Blaine Air Permeability Apparatus	IS 1727-1967 IS 3812 (Part 1): 2003	210 m ² /kg to 600 m ² /kg
		Lime Reactivity	IS 1727-1967 IS 3812 (Part 1): 2003	2.5 MPa to 6.0 MPa
		Compressive Strength	IS 1727-1967 IS 3812 (Part 1): 2003	10 MPa to 60 MPa
		Soundness by Autoclave Method and Le Chatelier Method	IS 1727-1967 IS 3812 (Part 1): 2003	0.03% to 0.8% 0 to 5 mm
3.	BRUNT CLAY BUILDING BRICKS	Compressive Strength	IS 3495 (Part 1): 1992	10 MPa to 25 MPa
		Water Absorption	IS 3495 (Part 1): 1992	10% to 25%
		Efflorescence	IS 3495 (Part 1): 1992	Qualitative
		Dimensions	IS 1077-1992	1 mm to 5000 mm

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