

		Dirk India Private Limited Factory: Gut No 348, Behind NTPS, Eklahare, Nashik-422105 www.pozzocrete.co.in www.dirkgroup.com		IS 3812  Part 1 CM/L - 7469794	
Doc No. F/QC/007 -A Ver. 0					
Pozzocrete 63 Test Certificate(Specimen)					Date-
			Part 1	Pozzocrete 63	
Test No.	Test	Unit	IS-3812 Specification	Typical test results	
1	Fineness - Specific Surface by Blaine's Permeability Method(Min.)	m ² /kg	320	435	
2	ROS # 350(45 MIC) Max.	%	34	9.88	
3	Lime Reactivity(Minimum)	N/mm ²	4.5	7.40	
4	Moisture Content(Max.)	%	2	0.28	
5	Autoclave Expansion(Max.)	%	0.8	0.023	
6	Compressive Strength At 28 days -	N/mm ²	80% of strength of plain cement mortar cubes (min.)		
	Pozzocrete + Cement Mortar			51.00	
	Plain Cement Mortar			54.3	93.92%
7	Chemical Analysis				
	Test	%	IS- Specification		
	Loss on Ignition (Max.)	%	5	1.00	
	SiO₂ + Al₂O₃ + Fe₂O₃	%	70 min. by mass	93.15	
	SiO₂	%	35 min. by mass	60.42	
	MgO	%	5 max. by mass	1.82	
	SO₃	%	3.00 max. by mass	0.83	
	Na₂O	%	1.5 max. by mass	0.47	
	Total Chlorides	%	0.05 max by mass	0.031	

Q.C. Department.

Terminology

ROS - Residue Over Sieve

MIC - Microns.

*** - under testing

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