

		Dirk India Private Limited Factory: Gut No 348, Behind NTPS, Eklahare, Nashik-422105 www.pozzocrete.co.in www.dirkgroup.com		I S 3812  CM/L - 7469794	
				Doc No. F/QC/007 -A Ver . 0	
Pozzocrete 60 Specimen Test Certificate				Date-	
			Part 1		Pozzocrete 60
Test No.	Test	Unit	IS-3812 Specification		Test Result
1	Fineness - Specific Surface by Blaine's Permeability Method(Min.)	m ² /kg	320		372
2	ROS # 500(25 MIC)	%	NOT SPECIFIED		--
3	ROS # 350(45 MIC) Max.	%	34		15.24
4	Lime Reactivity(Minimum)	N/mm ²	4.5		5.98
5	Moisture Content(Max.)	%	2		0.19
6	Autoclave Expansion(Max.)	%	0.8		0.027
7	Compressive Strength At 28 days -	N/mm ²	80% of strength of plain cement mortar cubes (min.)		
	Pozzocrete + Cement Mortar			44.5	
	Plain Cement Mortar			48.0	
				92.71%	
8	Chemical Analysis				
	Test		IS- Specification		
	Loss on Ignition (Max.)	%	5		1.01
	SiO ₂ + Al ₂ O ₃ + Fe ₂ O ₃	%	70 min. by mass		92.46
	SiO ₂	%	35 min. by mass		57.58
	MgO	%	5 max. by mass		1.62
	SO ₃	%	3.00 max. by mass		0.60
	Na ₂ O	%	1.5 max. by mass		0.52
Total Chlorides	%	0.05 max. by mass		0.028	

Q.C.Department

Terminology

ROS - Residue Over Sieve
 MIC - Microns.
 *** - under testing

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