

CERTIFICATE OF ANALYSIS TS EN 197-1 CEM I 42.5 R

			PHYSICAL ANALYSIS		
Fineness			Setting	Hour-Minute	
200 μ	0,1		Setting Initial	02:30	
90 μ	1,3		Setting Final	03:15	
			Specifik gravity g/cm ²	3,11	
Le Chatelier mm	1		Specifik Surface-Blaine cm ² /gr	3346	
STRENGTH TESTS			CHEMICAL ANALYSIS %		
Bending Strenght N/mm ²			SiO ₂	Soluble In soluble	17,67
2 DAY	7 DAY	28 DAY		Total	0,32
4,3	5,9	7,2			17,99
				AL ₂ O ₃	3,88
				Fe ₂ O ₃	3,36
				CaO	57,87
				MgO	1,49
				SO ₃	2,47
			Loss on Ignition		3,37
Compressive Strenght N/mm ²			On countable		
2 DAY	7 DAY	28 DAY	Free Lime		2,18
26,2	39,8	51,5	Lime Standart		
			C ₃ S		54,32
			C ₂ S		10,13
			C ₃ A		4,58
			C ₄ Af		10,24
			Cl ⁻		0,005

TECHNICAL DATA SHEET

The name and the international standart of the sample:TS EN 197-1 CEM I 42.5 R

Date of Production:15.10.2010

Methods of Testing Cement:EN 196-1 , 196-2 , 196-3



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