



CERTIFICATE OF ANALYSIS

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

Date Of Production : 11.05.2011

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

PHYSICAL ANALYSIS				
Fineness		Setting	Hour-Minute	
200 μ	0,0	Setting Initial	03:50	
90 μ	0,5	Setting Final	04:50	
		Specific gravity g/cm ²	3,03	
Le Chatelier mm	1,0	Specific Surface-Blaine cm ² /gr	4180	
STRENGTH TESTS			CHEMICAL ANALYSIS %	
Bending Strength N/mm²			Total SiO ₂	15,93
2 DAY	7 DAY	28 DAY	AL ₂ O ₃	4,35
			Fe ₂ O ₃	3,00
			CaO	64,45
3,6		6,8	MgO	0,92
			SO ₃	2,99
			Free CaO	2,05
			Loss on Ignition	7,12
			On countable	
Compressive Strength N/mm²			Cl-	0,014
2 DAY	7 DAY	28 DAY	Na ₂ O eq.	0,70
			Na ₂ O	0,17
25,65		48,2	K ₂ O	0,80

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