

**TEST REPORT ON WHITE PORTLAND CEMENT (MS)**

Month: August 2005

Period: 1.08.2005 till 31.08.2005

		Results	MS 888:1991 Requirements White Portland Cement
Physical Test			
Fineness (Specific surface): Air permeability test	m ² /kg	415	Min 225
Soundness: Le Chatelier test	mm	1.0	Max. 10
Setting time (Vicat): Initial setting	minutes	120	Min. 45
Final setting	minutes	145	Max. 600
Compressive Strength (Mortar prisms): 3 days	N/mm ²	36.0	Min. 16.0
*28days	N/mm ²	57.0	Min. 36.0
Whiteness		92.7	Min 80.0
Chemical Analysis			
Iron oxide (Fe ₂ O ₃)	%	0.19	Max. 0.50
Magnesium oxide (MgO)	%	0.9	Max. 5.0
Sulfur trioxide (SO ₃)	%	2.8	Max. 3.0, when C ₃ A>5.0
Loss on ignition	%	2.8	Max. 5.0
Insoluble residue	%	0.2	Max. 5.0
Lime saturation factor (LSF)		0.98	0.66-1.02
Tricalcium aluminate (3CaO.Al ₂ O ₃)	%	9.8	

CF Chong
Quality Manager

Date: 2 September 2005

* Note: Last month's data of the same period (July 2005)

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