

KIRTON CONCRETE SERVICES LTD

INDEPENDENT TESTING LABORATORY



1175

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TEST RESULTS

Client	:-	TITAN CEMENT LTD. HULL
Report reference	:-	TITAN 7010
Weekly reference	:-	10 /2016
Sample	:-	ORDINARY PORTLAND CEMENT
Sand	:-	FRENCH
Date received	:-	09 March 2016
Date of tests	:-	09 March 2016 to 06 April 2016

Results

FINENESS	3810 cm ² /g	(BSEN 196-6:2010)
STANDARD CONSISTANCE	29 %	(BSEN 196-3:2005)
INITIAL SETTING TIME	180 mins	(BSEN 196-3:2005)
COMPRESSIVE STRENGTH:- mortar prisms		(BSEN 196-1:2005)
AT 2 DAYS	36.1 Mpa	(Mean of 6 results, none discarded)
AT 7 DAYS	54.3 Mpa	(Mean of 6 results, none discarded)
AT 28 DAYS	70.2 Mpa	(Mean of 6 results, none discarded)

CHEMICAL COMPOSITION:- by mass, as received

Chloride	0.02 %	(BSEN 196-2:2013)
Average Chloride	0.02 Last 25 results	
Na ² O	0.13 %	(BSEN 196-2:2013)
K ² O	0.52 %	(BSEN 196-2:2013)
Na ² O (equiv)	0.47 %	(BSEN 196-2:2013)
Na ² O Average Alkali's	0.48 Last 25 results	

End of Report

THE ABOVE RESULTS COMPLY WITH THE REQUIREMENTS OF
BS EN 197-1:2011 FOR CEM 1 52.5N

Signed.....

Page 1 of 1

J.M. Burton

Quality Manager

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Technical Manager

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