

KIRTON CONCRETE SERVICES LTD

INDEPENDENT TESTING LABORATORY

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TEST RESULTS

Client :- TITAN CEMENT LTD. HULL
Report reference :- TITAN
Weekly reference :- Week 19 /2017
Sample :- ORDINARY PORTLAND CEMENT
Sand :- FRENCH
Date received :- 09-May-17
Date of tests :- 09-May-15 to 06-Jun-15

Results

FINENESS	4170 cm ² /g	(BSEN 196-6:2010)
STANDARD CONSISTANCE	29.5 %	(BSEN 196-3:2005)
INITIAL SETTING TIME	185 mins	(BSEN 196-3:2005)

COMPRESSIVE STRENGTH:- mortar prisms

(BSEN 196-1:2005)

AT 2 DAYS	28.9 Mpa	(Mean of 6 results, none discarded)
AT 7 DAYS	48.7 Mpa	(Mean of 6 results, none discarded)
AT 28 DAYS	69.8 Mpa	(Mean of 6 results, none discarded)

CHEMICAL COMPOSITION:- by mass, as received

Chloride	0.01 %	(BSEN 196-2:2013)
Average Chloride	0.02 Last 25 results	
Na ² O	0.12 %	(BSEN 196-2:2013)
K ² O	0.58 %	(BSEN 196-2:2013)
Na ² O (equiv)	0.50 %	(BSEN 196-2:2013)
Na ² O Average Alkali's	0.47 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.....

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J.M. Burton

Quality Manager

S. Burton ✓

Technical Manager