

KIRTON CONCRETE SERVICES LTD

INDEPENDENT TESTING LABORATORY

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TEST RESULTS

Client :- TITAN CEMENT LTD. HULL
Report reference :- TITAN
Weekly reference :- Week 26 /2016
Sample :- ORDINARY PORTLAND CEMENT
Sand :- FRENCH
Date received :- 28 June 2016
Date of tests :- 28 June 2016 to 26 July 2016

Results

FINENESS 4040 cm²/g (BSEN 196-6:2010)

STANDARD CONSISTANCE 29.0 % (BSEN 196-3:2005)

INITIAL SETTING TIME 190 mins (BSEN 196-3:2005)

COMPRESSIVE STRENGTH:- mortar prisms (BSEN 196-1:2005)

AT 2 DAYS 32.5 Mpa (Mean of 6 results, none discarded)

AT 7 DAYS 52.4 Mpa (Mean of 6 results, none discarded)

AT 28 DAYS 65.1 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

Na²O 0.12 % (BSEN 196-2:2013)

K²O 0.60 % (BSEN 196-2:2013)

Na²O (equiv) 0.51 % (BSEN 196-2:2013)

Na²O Average Alkali's 0.50 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.....

J.M. Burton

Quality Manager

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S. Burton

Technical Manager