

KIRTON CONCRETE SERVICES LTD

INDEPENDENT TESTING LABORATORY

Manor House, Station Road, Hibaldstow, Brigg, North Lincolnshire, DN20 9EB, England

Telephone: (01652) 656931 : Fax: (01652) 651082 : E-mail Kirtonlab@aol.com



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TEST RESULTS

Client :- TITAN CEMENT LTD. HULL
Report reference :- TITAN 7018
Weekly reference :- 18 /2016
Sample :- ORDINARY PORTLAND CEMENT
Sand :- FRENCH
Date received :- 04 May 2016
Date of tests :- 04 May 2016 to 01 June 2016

Results

FINENESS 4030 cm²/g (BSEN 196-6:2010)
STANDARD CONSISTANCE 29.5 % (BSEN 196-3:2005)
INITIAL SETTING TIME 175 mins (BSEN 196-3:2005)

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

AT 2 DAYS 32.7 Mpa (Mean of 6 results, none discarded)
AT 7 DAYS 43.7 Mpa (Mean of 6 results, none discarded)
AT 28 DAYS 66.4 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 0.14 % (BSEN 196-2:2013)
K²O 0.57 % (BSEN 196-2:2013)
Na²O (equiv) 0.52 % (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