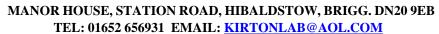
KIRTON CONCRETE SERVICES LTD

INDEPENDENT TESTING LABORATORY





1175

(BSEN 196-1:2016)

TEST RESULTS

Client :- TITAN CEMENT LTD. HULL

Report reference :- TITAN

Weekly reference :- Week 45 /2017

Sample :- ORDINARY PORTLAND CEMENT

Sand :- FRENCH

Date received :- 06-Nov-17

Date of tests :- 06-Nov-17 to 04-Dec-17

Results

 FINENESS
 4340 cm²/g
 (BSEN 196-6:2010)

 STANDARD CONSISTANCE
 29.5 %
 (BSEN 196-3:2016)

 INITIAL SETTING TIME
 158 mins
 (BSEN 196-3:2016)

COMPRESSIVE STRENGTH:- mortar prisms

AT 2 DAYS 31.1 Mpa (Mean of 6 results, none discarded)

AT 7 DAYS 49.3 Mpa (Mean of 6 results, none discarded)

AT 28 DAYS 69.4 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

Na₂O 0.11 % (BSEN 196-2:2013)

K₂O **0.53** % (BSEN 196-2:2013)

Na₂O (equiv) 0.46 % (BSEN 196-2:2013)

Na₂O Average Alkali's 0.46 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

S. Burton **V** Technical Manager