

# KIRTON CONCRETE SERVICES LTD

INDEPENDENT TESTING LABORATORY



1175

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## TEST RESULTS

Client :- TITAN CEMENT LTD. HULL  
Report reference :- TITAN  
Weekly reference :- Week 22 /2016  
Sample :- ORDINARY PORTLAND CEMENT  
Sand :- FRENCH  
Date received :- 01 June 2016  
Date of tests :- 01 June 2016 to 29 June 2016

### Results

FINENESS 4000 cm<sup>2</sup>/g (BSEN 196-6:2010)

STANDARD CONSISTANCE 30.0 % (BSEN 196-3:2005)

INITIAL SETTING TIME 165 mins (BSEN 196-3:2005)

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

AT 2 DAYS 33.0 Mpa ( Mean of 6 results, none discarded)

AT 7 DAYS 51.1 Mpa ( Mean of 6 results, none discarded)

AT 28 DAYS 69.9 Mpa ( Mean of 6 results, none discarded)

CHEMICAL COMPOSITION:- by mass, as received

Chloride 0.03 % (BSEN 196-2:2013)

Average Chloride 0.03 Last 25 results

Na<sup>2</sup>O 0.13 % (BSEN 196-2:2013)

K<sup>2</sup>O 0.53 % (BSEN 196-2:2013)

Na<sup>2</sup>O (equiv ) 0.48 % (BSEN 196-2:2013)

Na<sup>2</sup>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.....

J.M. Burton

Quality Manager

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S. Burton

Technical Manager

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