

# KIRTON CONCRETE SERVICES LTD

## INDEPENDENT TESTING LABORATORY

MANOR HOUSE, STATION ROAD, HIBALDSTOW, BRIGG. DN20 9EB

TEL: 01652 656931 EMAIL: [KIRTONLAB@AOL.COM](mailto:KIRTONLAB@AOL.COM)



1175

### TEST RESULTS

Client :- TITAN CEMENT LTD. HULL  
Report reference :- TITAN 38  
Ship reference :- "2-17  
Sample :- ORDINARY PORTLAND CEMENT  
Sand :- FRENCH  
Date received :- 21-Feb-17  
Date of tests :- 21-Feb-17 to 21-Mar-17

#### Results

DENSITY	3140 kg/m <sup>3</sup>	(BSEN 196-6:2010 N.AC. 5.3)
FINENESS	4190 cm <sup>2</sup> /g	(BSEN 196-6:2010)
STANDARD CONSISTANCE	29.0 %	(BSEN 196-3:2005)
INITIAL SETTING TIME	215 mins	(BSEN 196-3:2005)
SOUNDNESS	0.5 mm	(BSEN 196-3:2005)

#### COMPRESSIVE STRENGTH:- mortar prisms

(BSEN 196-1:2005)

AT 2 DAYS	31.8 Mpa	( Mean of 6 results, none discarded)
AT 7 DAYS	48.7 Mpa	( Mean of 6 results, none discarded)
AT 28 DAYS	68.2 Mpa	( Mean of 6 results, none discarded)

#### CHEMICAL COMPOSITION:- % by mass, as received

K <sub>2</sub> O	0.50 %	(BSEN 196-2:2013)
Na <sub>2</sub> O	0.11 %	(BSEN 196-2:2013)
Na <sub>2</sub> O(eq)	0.44 %	(BSEN 196-2:2013)
Chloride	0.01 %	(BSEN 196-2:2013)

End of Report

Signed.....

Page 2 of 3

Date 22/03/2017

J.M. Burton Quality Manager

S. Burton Technical Manager