

# 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 87  
Ship reference :- "5-21  
Sample :- ORDINARY PORTLAND CEMENT  
Sand :- FRENCH  
Date received :- 28-Apr-21  
Date of tests :- 28-Apr-21 to 26-May-21

All results are based on sample received from the client

DENSITY	3130 kg/m <sup>3</sup>	(BSEN 196-6:2018 N.AC. 5.3)
FINENESS	4160 cm <sup>2</sup> /g	(BSEN 196-6:2018)
STANDARD CONSISTANCE	29.5 %	(BSEN 196-3:2016)
INITIAL SETTING TIME	175 mins	(BSEN 196-3:2016)
SOUNDNESS	1.0 mm	(BSEN 196-3:2016)

COMPRESSIVE STRENGTH:- mortar prisms (BSEN 196-1:2016)

AT 2 DAYS	29.2 Mpa	( Mean of 6 results, none discarded)
AT 7 DAYS	51.9 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

K <sub>2</sub> O	0.54 %	(BSEN 196-2:2013)
Na <sub>2</sub> O	0.22 %	(BSEN 196-2:2013)
Na <sub>2</sub> O(eq)	0.58 %	(BSEN 196-2:2013)
Chloride	0.01 %	(BSEN 196-2:2013)

End of Report

Signed.....

Page 2 of 3

Date 27/05/2021

J.M. Burton Quality Manager

S. Burton Technical Manager