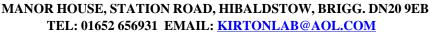
## KIRTON CONCRETE SERVICES LTD

## INDEPENDENT TESTING LABORATORY





1175

## TEST RESULTS

Client :- TITAN CEMENT LTD. HULL

Report reference :- TITAN

Weekly reference :- Week 44 2020

Sample :- ORDINARY PORTLAND CEMENT

Sand :- FRENCH

Date received :- 17-Nov-20

Date of tests :- 17-Nov-20 to 15-Dec-20

All results are based on sample received from the client

FINENESS 4150 cm<sup>2</sup>/g (BSEN 196-6:2010)

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

INITIAL SETTING TIME 145 mins (BSEN 196-3:2016)

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

AT 2 DAYS 34.8 Mpa (Mean of 6 results, none discarded)

AT 7 DAYS 52.6 Mpa (Mean of 6 results, none discarded)

AT 28 DAYS 67.6 Mpa (Mean of 6 results, none discarded)

CHEMICAL COMPOSITION:- by mass, as received

Chloride 0.06 % (BSEN 196-2:2013)

Average Chloride 0.05 Last 25 results

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

K<sub>2</sub>O 0.64 % (BSEN 196-2:2013)

Na<sub>2</sub>O (equiv ) 0.55 % (BSEN 196-2:2013)

Na<sub>2</sub>O Average Alkali's 0.54 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 Technical Manager