

An independent testing laboratory specialising in the testing of cementitious materials

PREPARED FOR TITAN CEMENT Ltd. HULL

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|---------------------------|-------------|--------------|
| REPORT REFERENCE | TITAN | |
| WEEKLY REFERENCE | 7 | 2023 |
| SAMPLE | CEM I 52.5N | |
| SAND | FRENCH | |
| DATE OF RECEIPT OF SAMPLE | 16-Feb-23 | |
| DATE OF TESTS | 16-Feb-23 | to 16-Mar-23 |
| DATE OF REPORT | 16-Mar-23 | |

ALL RESULTS ARE BASED ON THE SAMPLE RECEIVED FROM THE CLIENT

| | | |
|----------------------|-------------------------|-------------------|
| FINENESS | 4060 cm ² /g | (BSEN 196-6:2010) |
| STANDARD CONSISTENCE | 29.0 % | (BSEN 196-3:2016) |
| INITIAL SETTING TIME | 171 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 | 50.6 MPa | (Mean of 6 results, none discarded) |
| AT 28 DAYS | 62.0 MPa | (Mean of 6 results, none discarded) |

CHEMICAL COMPOSITION :- by mass, as received

| | | |
|------------------------------------|----------------------|-------------------|
| CHLORIDE | 0.01 % | (BSEN 196-2:2013) |
| AVERAGE CHLORIDE | 0.04 Last 25 Results | |
| Na ₂ O | 0.21 % | (BSEN 196-2:2013) |
| K ₂ O | 0.58 % | (BSEN 196-2:2013) |
| Na ₂ O (equiv) | 0.59 % | (BSEN 196-2:2013) |
| Na ₂ O Average Alkali's | 0.56 Last 25 Results | |

END OF REPORT

SIGNED:.....

Certificate signed by: 
 S. Burton A.M.I.C.T
 Technical Manager

J.M. Burton
 Quality Manager