

An independent testing laboratory specialising in the testing of cementitious materials

PREPARED FOR TITAN CEMENT Ltd. HULL

| | | |
|---------------------------|--------------------------|--------------|
| REPORT REFERENCE | Titan | 144 |
| CLIENT REFERENCE | PRISM | 2025 |
| SHIP REFERENCE | "8/25 | |
| SAMPLE | ORDINARY PORTLAND CEMENT | |
| DATE OF RECEIPT OF SAMPLE | 27-Aug-25 | |
| DATE OF TESTS | 27-Aug-25 | to 24-Sep-25 |
| DATE OF REPORT | 9-Oct-25 | |

ALL RESULTS ARE BASED ON SAMPLE RECEIVED FROM THE CLIENT: TESTED AS RECEIVED.
CHEMICAL COMPOSITION :- by mass, as received

| | | |
|----------------------|-------------------------|--------------------|
| Density | 3180 kg/m ³ | (BSEN 196-6:2010) |
| Fineness | 4130 cm ² /g | (BSEN 196-3:2016) |
| Standard Consistance | 30.0 % | (BSEN 196-3:2016) |
| Initial Setting Time | 158 mins | (BSEN 196-3:2016) |
| Soundness | 1.0 mm | (BSEN 196-3:2016) |

COMPRESSIVE STRENGTH: MORTAR PRISMS (BSEN 196-1:2016)

| | | |
|------------|----------|------------------------------------|
| AT 2 DAYS | 34.3 MPa | (Mean of 6 results,none discarded) |
| AT 7 DAYS | 48.7 MPa | (Mean of 6 results,none discarded) |
| AT 28 DAYS | 59.4 MPa | (Mean of 6 results,none discarded) |

CHEMICAL COMPOSITION :- by mass, as received

| | | |
|------------------------|--------|-------------------|
| K ₂ O | 0.50 % | (BSEN 196-2:2013) |
| Na ₂ O | 0.24 % | (BSEN 196-2:2013) |
| Na ₂ O (eq) | 0.57 % | (BSEN 196-2:2013) |
| Chloride | 0.03 % | (BSEN 196-2:2013) |

END OF REPORT

SIGNED:

Certificate signed by:



✓ S.Burton A.M.I.C.T

Technical Manager

J.M. Burton

Quality Manager