



**Blastech**  
a TF Warren Company

## **REDI-PLATE ® Technical Data Sheet**

REDI-PLATE ® is steel plate processed by Blastech Mobile LLC a member of the T.F.Warren Group and shall be coated with a Inorganic Weldable Preconstruction Primer utilizing Blastech's proprietary technology, that, depending on conditions, will produce up to six months of protection in exterior exposures. The process shall have distinct phases designed and managed to ensure that each plate is prepared and coated to the highest standards currently available to industry.

All documentation, and process reporting, shall conform to ISO 9001 quality procedures.

Phase 1 Shall ensure that the correct identity of each plate is verified from the receiving documents and plate markings and entered into a plate management data base.

Phase 2 Shall ensure that surface contaminants such as chlorides, oil and grease are solubilised and removed.

Phase 3 Plate shall be abrasive cleaned to SSPC SP 10 / NACE No. 2 Specification to produce a sharp, dense profile of 1.5-2.5mils with a peak count density of not less that 80 per linear inch.

Phase 4 Surface profile shall be measured using ASTM D 4417 method and recorded as a permanent job record

Phase 5. Plate shall be preheated to 110 Degrees F (+ - 5 degrees) and inspected to detect major steel defects.

Phase 6 Coating shall be applied using computer controlled application equipment to ensure a closed, dry film thickness of 15 - 20 microns (0.6 – 0.8 mils)

Phase 7 Dry film thickness shall be continuously monitored, and verified using polyester plastic control panels which have temporary attachment to the plate during processing. Measurement results are recorded on form QF 4. 10.09 and entered in to the QA data base. The DFT control panels are prepared and stored as a permanent job record for each Work Order or for every 20 plates for orders of more than 20 plates.

Phase 8 Completed plate shall be visually inspected for surface anomalies. Non Conformance reports to be issued as required.

Phase 9 Plate shall be remarked to ensure traceability with data specified by the customer

Phase 10 A quality reports, QF 4. 10. 32 recording surface profile, dry film thickness, environmental conditions, and coating lot number shall be recorded and retained in our digital database.