

PROJECT PROFILE



Project: Rustproofing of metal pipeline in Mariupol, Ukraine

Designer: Gemite Ukraine Ltd.

Contractor: Metalurgstroj, Mariupol.

Gemite product: **Fibre-Prime**

Objective: rust-proofing of an existing steel pipeline in the metal processing facility in Mariupol. The steel pipe is exposed to the highly corrosive environment of the metallurgical plant. The unique, cement based rust-proofing, **Fibre-Prime** has been used extensively by the plant. There are many advantages to using the cement based **Fibre-Prime**. When compared with conventional barrier systems such as epoxy or polyurethane coatings, **Fibre-Prime** requires only a light sand blast to remove loose rust – an expensive “white metal” blasting is not required. **Fibre-Prime** is also much more effective rust-proofing than barrier systems, since it protects the steel even if there is a “pinhole break” in the coating. The pinhole or any slight damage in the coating of a conventional barrier system causes a high rate of corrosion in that area. **Fibre-Prime** is also easier to apply and more economical than polymer barrier systems.



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