

# ANTI-CORROSION SYSTEM APPLIED ON UNDERWATER PIPES

**2004**

## **Nigeria Offshore Applications**

The attached pictures show one of two applications performed in Nigeria.

The job is about pipes used for offshore oil drilling operations, subject to cycles of immersion underwater and storage on deck. Very tough environment and very tough life cycle (salt water, salt spray, sun, impacts, abrasion, and temperatures ranging from 40 to 250 F). The original coating system, applied four years ago, had badly deteriorated.

The application main steps were:

- Sand blasting to SSPC-SP6
- Surface cleaning and chloride removal
- Two coats of **RUST GRIP**®
- Two coats of **MOIST METAL GRIP**®
- Two coats of **ENAMO GRIP**® white

**Before work starts**

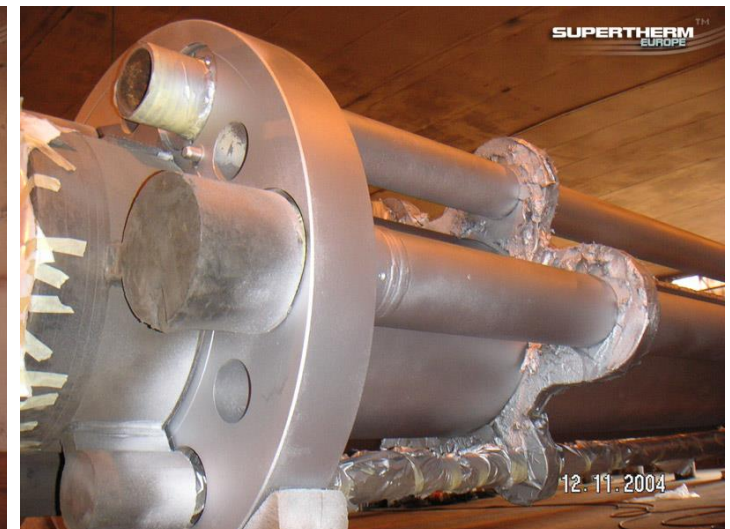
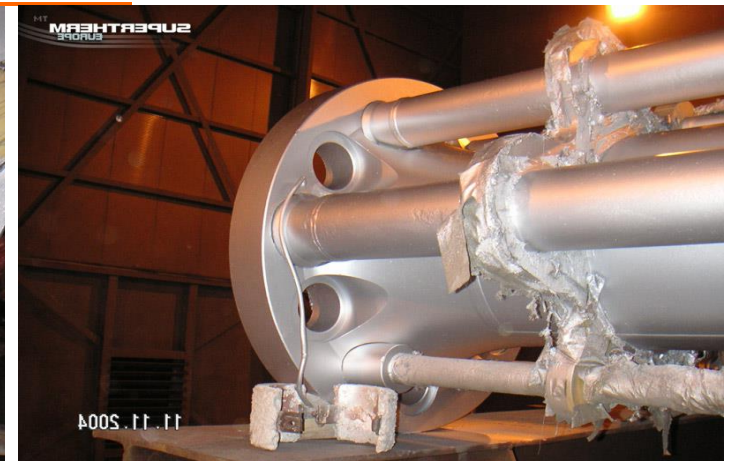




**Prep work: clean, dry and sound surface ready to accept a coating system**

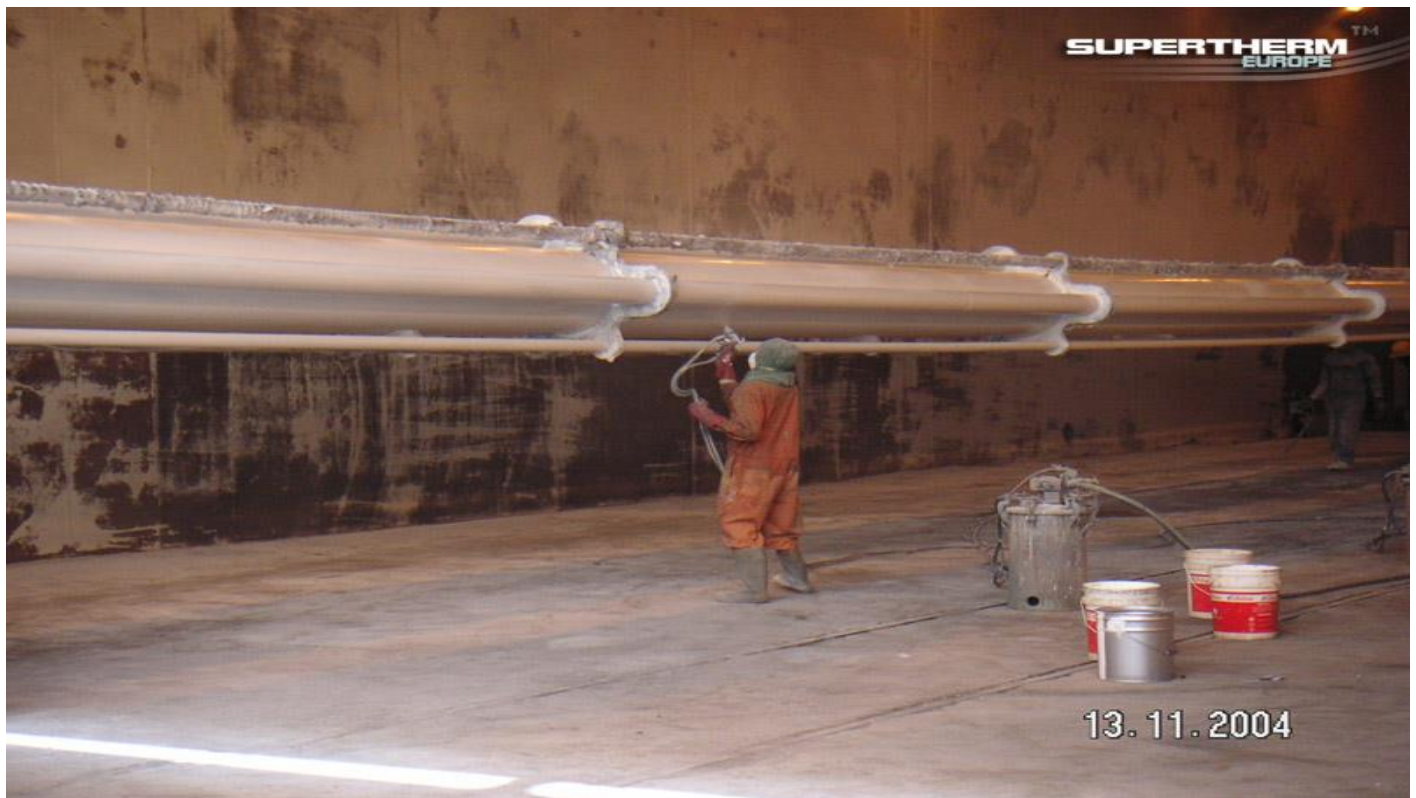


**Applying the **RUST GRIP**® Primer**





Applying the Base coat of **MOIST METAL GRIP**®



Applied top coat of **ENAMO GRIP®**





**the process starts again**

