

SEA WATER PIPELINES – NATIONAL ELECTRICITY COMPANY – MOROCCO

Pictures of a **ZINGA** application as protection of sea water pipelines in Mohammedia, Morocco. The application took place in September 2003 for the **National Electricity Company (ONE – Office National d'Electricité)**.



Cleaning/degreasing with detergent and rinsing with clean water.



Grinding with rotating brush in order to de-rust the pipes.



Sanding with paper Emery N°40

Technique of surface preparation

- Cleaning/degreasing with detergent and rinsing with clean water
- Grinding with rotating brush in order to de-rust
- Sanding with paper Emery N°40
- De-dusting
- Rinsing with clean water to take away the remaining dust
- Drying with clean cloth



Application method:

ZINGA was applied by means of brush in order to reduce the loss of product.

Layer thickness:

The estimated minimal layer thickness was about 120 µm DFT.

Once the 2 layers of **ZINGA** had cured, we measured between 226 µm and 332 µm DFT on the sea water pipelines.

System:

ZINGA 2 X 60 µm