

## ELECTROCHLORATION COOLING UNIT

### Derakane Epoxy Vinyl Ester Resins – Case History



#### Location / Year

Installed in 1977 at E.D.F. (Electricité de France) power station in Dunkerque.

#### Fabricator / Engineering

SEPMA (Plastrex Manurhin),  
Mulhouse, France.  
KREBS, Paris, France.

#### Fabrication

Hand lay-up and filament winding with  
**DERAKANE 411** epoxy vinyl ester resin.

#### Service Conditions

Direct electrolysis of raw sea water to produce a solution of sodium hypochlorite. The solution is injected at the sea water inlet continuously or discontinuously according to the cleaning program.

#### Technical Data

500 m (0.3 mi) of pipes  
DN 200 to 300 (7.9 in to 11.8 in)

Last update in 1987.

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