

# SPRAY HEADERS IN FGD SCRUBBERS

## Derakane Epoxy Vinyl Ester Resins – Case History



### Location / Year

In operation since 1987 at the RWE lignite fire power station at Weisweiler, Germany. Installed by KWH Pipe Anlagentechnik GmbH.

### Fabricator

KWH Pipe Muotekno, Imatra, Finland.

### Fabrication

Filament wound pipes with abrasion resistant layers (4 mm internal and 2 mm external, to resist the impacting slurry), were made from **DERAKANE 411-45** epoxy vinyl ester resin.

### Technical Data

These 9 m long, self-supporting pipes are joined together with flanges and have diameters of 300 to 500 mm.

### Service Conditions

Pipes equipped with spray nozzles for the dispersion of limestone suspension at 25°C into a counter-flowing flue gas scrubber at 70°C.

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