

SCRUBBERS FOR ZINC SMELTER FLUE GAS

Derakane Epoxy Vinyl Ester Resins – Case History



Location / Year

Mercury Absorption Towers, Zinc Smelter,
Asturiana de Zinc S.A., Aviles, Spain, installed
in 1972, 1986, and 1990.

Fabricator

Mefasa, San Juan De Nieva, Spain.

Fabrication

DERAKANE 411-45 epoxy vinyl ester resin.
Hand lay-up, C-veil / mat / roving.

Technical Data

Ø 5,5 x 35 m.
Scrubber of 1972 still in service and in good
shape (1997). No maintenance required on
any of the 4 scrubbers.

Service Conditions

Fumes : SO₂/SO₃, mercury.
Scrubbing liquid : sodium thiocyanate.
Temperature : 40°C.

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