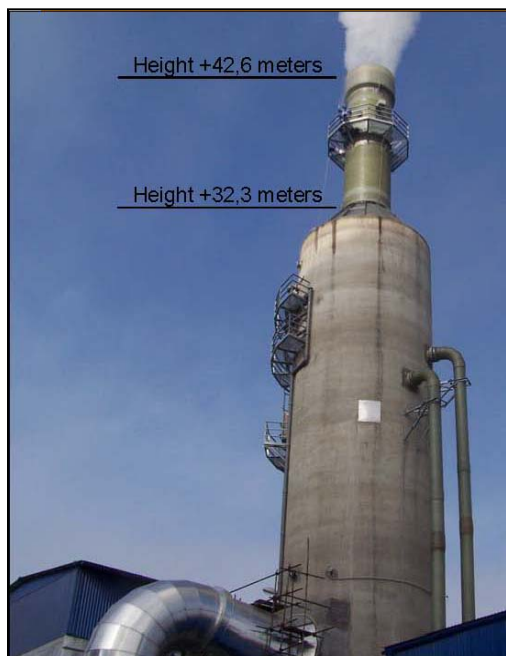


Flue Gas Chimney

Derakane Epoxy Vinyl Ester Resins – Case History



Location / Year

FRP Chimney installed at Power Plant, Slovenia in 2007.

Fabricator

SELIP SPA, Italy

Fabrication

Liner: Hand Lay-Up C-glass + ECR glass

Structure: Filament Winding

DERAKANE 411 epoxy vinyl ester resin.

Technical Data

Diameter: 2.4 m (8 ft)

Height of chimney: 9.3 m (30 ft)

Height from floor: 43 m (141 ft)

Total weight: 3 500 kg (7 700 lbs)

Service Conditions

Fumes from Flue Gas Desulphurisation (FGD) plant

Design pressure: -10/20 mbar (-0.15/0.3 psi)

Working pressure: -4 mbar (-0.05 psi)

Design temperature: 80°C (176°F)

Working temperature: 80°C (176°F)

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