

## CASE HISTORY



# FRP CHIMNEY

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**EQUIPMENT:**

Nr. 2 FRP chimneys

**PLANT:**

Waste incinerator plant

**ENGINEERING / CUSTOMER:**

Hamburg Municipality

**LOCATION:**

Hamburg - Germany

**TECHNICAL DATA:**

Ø 2100 mm – H = 80 meters

**WEIGHT:**

30.000 kg

**SELIP DRAWINGS:**

MKWMVRVN018

**ENVIRONMENT:**

Incinerator flue gas

**PRESSURE:**

Design pressure: -28 mbar

Working pressure: atm

**TEMPERATURE:**

Design temperature: 140°C

Working temperature: 110°C

**RESIN:**

FRP Vinyl Ester Resin – Derakane D-470

**TYPE OF LAMINATE:**

Liner:

Hand-Lay-UP – “C” glass + “ADVANTEK” glass

Structure:

Filament Winding – Continuous Rowing

**YEAR:**

Installed in 1998

**FABRICATOR:**

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CH 03-A-07/00

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