

## CASE HISTORY



## FRP - CHIMNEY

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**EQUIPMENT:**

Nr. 2 FRP Duct Chimneys on steel structure with stairs and elevator

**PLANT:**

Waste incinerator

**ENGINEERING / CUSTOMER:**

Fiat

**LOCATION:**

Melfi - Italy

**TECHNICAL DATA:**

Nr. 1 Chimney Ø 1200 mm – H = 50 m

Nr. 1 Chimney Ø 1400 mm – H = 50 m

**WEIGHT:**

25.000 kg

**SELIP DRAWINGS:**

Nr. 0000FI01980

**ENVIRONMENT:**

Incinerator flue gas

**PRESSURE:**

Design pressure: +200/-100 mbar

Working pressure: +100/-50 mbar

**TEMPERATURE:**

Design temperature: 170°C

Working temperature: 152°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 01-A-07/00

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