

CASE HISTORY



FRP EXTERNAL RECYCLE SLURRY PIPES

CASE HISTORY

EQUIPMENT:

FRP External Recycle Slurry pipes

PLANT:

FGD plant

ENGINEERING / CUSTOMER:

Cement plant

LOCATION:

Dunbar – Scotland - UK

TECHNICAL DATA:

Absorber Nr.: 1

Nr. of inlet pipes: 3 (from pumps to absorber)

Nr. of outlet pipes: 3 (from absorber to pumps)

Diameter of the FRP pipes: 600 mm

Type of connection: laminated

WEIGHT:

5.700 kg

SELIP DRAWINGS:

Nr. 06 LU 510601 01 B

ENVIRONMENT:

Slurry

PRESSURE:

Design pressure: 10 bar

Working pressure: 2 bar

TEMPERATURE:

Design temperature: 80°C

Working temperature: 50°C

RESIN:

Liner: Vinyl Ester Resin – Derakane D-411

Structure: Isophthalic Resin – Synolite 0268

TYPE OF LAMINATE:

- Inside Liner:

Hand-Lay-UP – “C” glass + “ADVANTEK” glass +
filler type Quarz Fluor Silane Treated

- Mechanical structure:

Filament Winding FW – Direct Rowing 2400 tex

- Outside finish:

Hand-Lay-UP – Polyester Veil type UV Absorber

YEAR:

Installed in 2007

FABRICATOR:

SELIP SPA - Italy

Via Provinciale, 36 - 43012 Fontanellato - Parma

Via Cancelliera, 49/51 - 00040 Ariccia - Roma

info@selip.it

www.selip.it

CH 46-A-01/07

Selip S.p.A.

Factory of Parma

Via Provinciale 36

43012 – Fontanellato (PR) – ITALY

info@selip.it

www.selip.it

Factory of Rome

Via Cancelliera, 49/51

00040 – Ariccia (ROMA) - ITALY

info@selip.it

www.selip.it