

# FlueGard-225SLB at Obourg ESP

- The 2 kiln electro filters at Holcim Obourg plant are totally built in stainless steel to slow down corrosion.
- The presence of chlorides in the gases is severely corroding away the stainless steel walls.
- The welds are more affected by corrosion due to the heat treatment, in some areas they are punctured.
- The plant installed a 15 mt<sup>2</sup> new section of SS during November 2004 to repair a damaged wall.
- The section was coated by P.A Technologies using FlueGard-225SLB, a polymeric alloy material from 3L&T to control the corrosion of the metal.
- The following pictures illustrate the application.

November 2004

# Working Area



# Walls Corroding



# Stainless Steel Corroded

Welds gone!



# Electrode Connection



**Wall to be coated with FlueGard-225SLB**





**Sandblasting in progress**



**Welds pre-coated**





**Airless spray in progress**



**Closer look at the spray**



**FlueGard-225SLB coating inspection**

**Job finished, cleaning the tools**

