

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 mt² 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

