

Eren Energy Power Plant FGD Stack Relining

Case history 2015

Focus product: Ceilcote® 282 HB @ 2 x 650µm (26 mils)

Year of project: 2014

Location: Turkey

Project owner: Eren Energy Power Plant

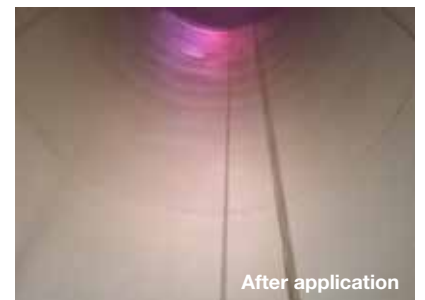
ISO12944 Environment: C5 H

Project size: 6,500m² (69,965ft²)

FGD Stack lining area Inspection/Interplan™ carried out at Eren Energy Power plant on April 2014. High corrosive activity, blistering failures and detachment failures observed on 6,500m² FGD stack walls Internal surfaces.

Ceilcote 282HB application carried out at the Eren Energy Power Plant in Turkey/Zonguldak. Surface preparation and lining application inspected and reported by AkzoNobel Protective Coatings Technical Service. Relining of FGD Stack completed on May 2014.

After one year, first corrosion inspection performed by AkzoNobel Protective Coatings Technical Service on May 2015. These pictures show the coating was still very well after one year in service and there was no evidence of corrosion. This practically demonstrates the abrasion, chemical and heat resistance of Ceilcote 282HB in a coal power plant (FGD Stack) environment.



“It was not easy to perform perfect surface preparation and old, damaged steel was corroded with acids. After one year, Ceilcote 282HB was in good condition and was still tolerating low surface preparation quality.”