

Kemerköy Thermal Power Plant

Case history 2016

Kemerköy Thermal Power Plant is located in Muğla, south-western Turkey and it consists of three units, each with a capacity of 210MW. The construction of the plant took place between 1984 and 1993 with two of the units becoming operational in 1994 and the third one in 1995. The annual nominal production capacity of the plant is 4 billion 95 million KWh.

In 2006 the flue gas desulphurization (FGD) units of the Kemerköy plant were coated with the following products: Ceilcote 282, Ceilcote 232, Ceilcote 140 and Ceilcote 180.

In March 2016, 10 years after the application, the first corrosion inspection performed by IP Protective Coatings Technical Service. The inspection showed that the coatings were performing extremely well and the coated surfaces were in a perfect condition with no evidence of corrosion or abrasion.

This practically demonstrates the abrasion, chemical and heat resistance of our Ceilcote products in a thermal power plant (FGD unit) environment.

Focus product: Ceilcote® 282HB FGD linings

Year of project: 2006

Location: Muğla, Turkey

Type of project: FGD unit lining

Project size: 20,000m² (215,278ft²)

