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TUNNEL KILN

APPLICATION INFORMATION



FURNACE INFORMATION

Furnace type: Tunnel kiln

Fuel type: gas

Operating Temp: 950 °C (1740 °F)

APPLICATION INFORMATION

In February 2021 walls from bottom of kiln car and Ceiling were coated with Emisshield® in preheat zone from 600°C till end of burner zone, total about 400m²

CUSTOMER

Ziegelwerk
Bellenberg, Germany

APPLICATION

Tunnel Kiln

SUBSTRATE

Refractory
– about 40 years old

RESULTS

EMMISHIELD BENEFITS

Emisshield® was able to provide increased uniformity in heat distribution and after optimization of the kiln energy savings of 7,5% were sustainably documented.

The furnace was inspected in February 2022 by CRESS – the coating was fully intact.

