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TUNNEL KILN

APPLICATION INFORMATION



FURNACE INFORMATION

Furnace type: Tunnel kiln

Fuel type: gas

Operating Temp: 1100 °C (2010 °F)

Oxidizing and reducing firing

APPLICATION INFORMATION

Application on November 2021 (walls from bottom of kiln car and ceiling)

Preheat zone from 600°C and burner zone, total 235m²

CUSTOMER

CREATON Produktions GmbH
Guttau, Germany

APPLICATION

Tunnel Kiln

SUBSTRATE

Refractory
– about 28 years old

RESULTS

EMMISHIELD BENEFITS

Together with Cress, Creaton revised all kiln data and recognized that exhaust temperature increased up to 50°C.

Optimization works started by shutting off burners and reducing exhaust flow rates for each brick format.

Current energy savings are reported between 3,5% and 6% depending on format

(Basically, the higher the distance between the load and the walls, the higher the savings!)

