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# TUNNEL KILN

## APPLICATION INFORMATION



### FURNACE INFORMATION

Furnace type: Tunnel kiln from STROHMENGER  
Fuel type: gas  
Operating Temp: max. 1020 °C (1870 °F)

### APPLICATION INFORMATION

Application in February 2022 (walls from bottom of kiln car and ceiling)

Preheat zone from 600°C and burner zone, total 205m<sup>2</sup>

## CUSTOMER

Ofen 2 - Walther Dachziegel  
Langenzenn, Germany

## APPLICATION

Tunnel Kiln

## SUBSTRATE

Refractory

# RESULTS

### EMMISHIELD BENEFITS

Due to better temperature distribution in the furnace, the next to the bottom cassettes on the kiln car could be loaded again with roof tiles which gave an 8% increase in production.

Exhaust flow could be reduced also despite production increase, which gave 4% energy savings on top.

