



Postbus 44 - 4510 AA Breskens

Deltahoek 34 - 4511 PA Breskens

www.cressbv.nl

+31 (0)11 7712 611

# BATCH KILN

## APPLICATION INFORMATION



### FURNACE INFORMATION

Furnace type: Batch kiln, volume about 600 liters  
Fuel type: natural gas, hydrogen  
Operating Temp: 1100 °C (2010 °F)

### APPLICATION INFORMATION

In August 2020 the walls were coated with Emisshield Ceramic fiber coating. The furnace was loaded with about 50kg of bricks and heated up. Gas consumption was compared to same settings as prior Emisshield installation.

## CUSTOMER

Institute for Brick and Tile Research - Germany

## APPLICATION

Batch Kiln

## SUBSTRATE

Ceramic fiber  
– about 30 years old

# RESULTS

## EMMISHIELD BENEFITS

6% reduction in gas consumption  
After 2 years of operations the coating is still fully intact

*Note: this coating becomes transparent after firing*



before  
application

after  
application