

## Kilns

**Project Name:** Periodic Kiln  
**Location:** Woerden, Netherlands

### Furnace Information

**Furnace Type:** Red Periodic Tile Kiln  
**Fuel Type:** Gas  
**Substrate:** Ceramic Fiber

**Operating Temp:** 1040 °C (1904°F)

**Background:** This periodic kiln operates with a 72 hour firing rate – 24 hours oxidizing and 48 hours reducing. The ceramic fiber lining was 2-3 years old.

### Application Information

Only the walls were coated with Emisshield®. This application was completed in August 2007.

### Emisshield® Benefits

Emisshield® was able to provide increased uniformity in heat distribution which resulted in a more stabilized fuel input. This stabilization allowed for the almost 7% energy savings

