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CONFIRMATION

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In September 2020, we had our fiber-lined laboratory kiln coated with Emisshield. The kiln is fired with natural gas, although numerous firings using hydrogen as a fuel have already been conducted. Several tests conducted immediately after the coating revealed an energy savings of 6%.

All products of the heavy clay ceramics industry are fired in the kiln, including porous masonry bricks, paving clinkers, facing bricks, and roof tiles. The latter come in natural red, engobed, or glazed varieties, meaning the coating is subjected to constantly changing atmospheres. The kiln operates in batch mode, involving continuous heating and cooling cycles.

To date, no damage to the coating has been detected, despite the constantly changing thermal loads under a wide variety of atmospheres.

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Deputy Manager

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