

Case Study

Refractory Systems

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Industry: Tunnel Kiln Roof Replacement
Location: IBSTOCK Brick - Cannock Staffs
Operating Temperature: 1100°C
Scope of Works: Roof Refractory Replaced 8mtr x 35mtr

The redundant refractory roof was removed due to anchor corrosion, new alloy cast clips were installed and the old roof refractories were replaced with new ceramic fibre insulation backup layered over the slabs.

The new insulation was installed to 250mm thick where as the old insulation was over installed at 400mm, this caused a cooking effect on the cast clips that held the roof in position which meant the replacement. The existing refractory lining has already seen some 15years service. It will now see at least a further 15 years service.



View on the last 12 mtr section of roof replaced.

QUALITY REFRACTORY LININGS

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