

## CEMENT & LIME

Customer lime kiln was historically lined with bricks. However, due to mechanical issues one customer has shown it is possible to successfully line sections with monolithic materials

### Customer Requirements

In Western Australia, 2 wet process cement kilns had been repurposed to manufacture lime. Due to damage in a 15m section of one of the kilns it had been decided to cast the area.



Target was given to supply a material capable of being strip cast and achieving a 12- month campaign life for Lime production.

### Vesuvius Recommendations



For the application, Vesuvius recommended **SURCAST 65P-RT**. Featuring:

- High Thermal stability material
- Excellent thermal shock resistance
- Easy installation and pumpability
- Rapid Turnaround technology

The added benefit of having a sustainable & secure raw material pipeline.

### Customer Impact

Customer was able to continue to operate rotary kilns in a normal campaign that would not of been possible with the standard bricking process.

- Improved uptime of equipment
- Lower installed cost of material
- Eliminate CAPEX structural engineering repair of the shell

Performance and installation time savings have now led the customer to switch to cast repairs in the 2<sup>nd</sup> line that was not structurally damage

