

Case Study

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1600c Composite Linings

Industry: Glass Refractories
Location: North Sheffield - UK
Operating Temperature: 1600°C
Scope of Works: Kiln Hearth & Lining Design, Manufacture & Installation

QUALITY REFRACTORY LININGS

The lining was constructed from a combination of 1430c & 1600c rated materials, The system used was the Lloyd Composite module system, this particular system is unique to Lloyd RIS. The system is manufactured from interwoven strips of 1430c & 1600c rated fibres which are secured together mechanically using 1700c Rated ceramic rods. The lining was manufactured to 275mm thick and incorporates high temperature 310 stainless steel anchors. Firing at 1600c and soaking for up to 24 hrs at maximum temperature.



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