



Lafarge Plasterboard Factory - Ferrybridge, West Yorkshire

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Client
Lafarge Industries

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Contractor
Clugston Construction

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Architect
Farrell and Clark

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Engineer
White Young Green

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Steel Tonnage
800 tonnes

Caunton supplied the structural steelwork for a massive plasterboard factory for Lafarge Industries.

The site was adjacent to the Ferrybridge C Power Station in West Yorkshire. The plasterboard manufacturing process utilises a waste product from the flue gas desulphurisation plant which was commissioned there. This by-product is synthetic gypsum, which was a major constituent in the manufacture of plasterboard. As well as the obvious benefits, synthetic gypsum has two further advantages over natural gypsum, in that it arrives as a powder and does not need to employ a crushing process and nor does it have to be imported. This 'aggregate' of energy saving benefits makes it even more sustainability attractive.

Lafarge manufactured in Bristol where the natural gypsum was imported and manufactured there 50 million metre squared of plasterboard.

This project itself encompassed nearly 30,000m² of floor area and required 800 tonnes of steelwork.