



**Innovative Materials Recycling Facility - Coventry**

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**Client**

Sherbourne Recycling

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**Contractor**

Clegg Goup

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**Architect**

Cox Freeman

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**Engineer**

Alan Wood and Partners

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**Steel Tonnage**

577 tonnes

Caunton Engineering has supplied the framing steelwork to main contractor Clegg Construction for what has been described in the press as a facility of the future. The Sherbourne Resource Centre in Coventry was a state of the art materials recycling facility (MRF) and said to be the first to use Artificial Intelligence (AI).

Housing the facility's important equipment, as well as the areas for receiving and sorting materials, are three large steel portal framed structures. Together they form an L-shape to suit the site and create a facility where the materials processing are laid out in a linear configuration. Each of the three portal frames are structurally independent and at the two points where the buildings meet there is a dividing row of double columns that accommodate doorways and openings for equipment such a conveyor belts.

