

## JAGUAR LAND ROVER, CASTLE BROMWICH TATA STEEL



Home of the iconic Jaguar Land Rover brands, the Castle Bromwich car manufacturing plant covers an area of 100 acres. The site's latest extension was a 60,000m<sup>2</sup> manufacturing facility to provide a modern, highly automated, energy-efficient and flexible place of work.

The Body in White facility is where painting and final trim and assembly for the prestigious Jaguar XJ and Jaguar XF models takes place.

It is here that each individual vehicle body will be painted to the required colour and specification before assembly and fit-out ahead of being despatched.

### **The challenge**

The project had to be delivered with the highest level of attention to services and detail required for the delivery and construction of the new Body in White facility.

Tata Steel has a long-established working relationship with Jaguar Land Rover based on supplying products of the highest standard. As with all Jaguar Land Rover projects, the key factors on this job were ease and speed of installation and the very precise lead times Tata Steel can achieve.

### **The solution**

A fast, consistent and efficient cladding installation was a top priority and Tata Steel's Trisomet® and Trimapanel® micro-rib insulated panel systems were specified for the building envelope. Manufactured in Shotton, North Wales, the panels are produced to the tightest tolerances and cut to bespoke lengths within the factory, arriving on-site on time and ready to install providing a quick build time.

The bespoke insulated panels require less on-site handling, which results in a more efficient construction programme, with minimal disruption to operations, and less wastage.



Tata Steel's high quality Trisomet® 120mm insulated roof panels manufactured from Colorcoat HPS200 Ultra® in Goosewing Grey and Trimapanel® micro-rib 90mm insulated panels manufactured from Colorcoat Prisma® in Silver Metallic were used to clad the exterior of the building and provide a thermally efficient, high quality air tight structure. These one-fix pre-fabricated components were key factors in achieving a fast and efficient cladding programme.

Ease of installation was crucial, as Interserve Construction Design Manager Chris Owen corroborated, "The erection programme was challenging due to the restricted access around the site and its unusual configuration as the building wraps around the existing press shop and tool room extension."

"By using Tata Steel's insulated panels, we benefited from having fewer items to lift onsite. The beauty of the panels pre-cut to our required lengths is that they can be installed much quicker with less on-site handling and waste," says Mr Owen.



“We have worked closely with Jaguar Land Rover for many years and they know that we pride ourselves on care and attention to detail, which ensures we are able to meet precise delivery times required on their construction programmes,” adds Tata Steel UK Business Development Manager John Clark.

**Client:** Jaguar Land Rover

**Main Contractor:** Interserve Construction

**Cladding contractor:** Roofdec

**Tata Steel products:** Trisomet® 120mm insulated roof panels; Trimapanel® micro-rib 90mm insulated wall panels; Colorcoat HPS200 Ultra® pre-finished steel; Colorcoat Prisma® pre-finished steel

**TATA STEEL**

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