

## Magna International

Sector: Mechanical

Client: Magna International

Main Contractor: McLaren Construction

System: Europanel F5 Extra



### The project

The building needed to be functional, incorporating the three main operations of the building, the front elevation would need to integrate with glazing and feature an impressive front façade whilst allowing the adjacent elevations of the building to include large access doors.

Magna International has invested millions of pounds in ambitious growth plans to support demand for lightweight automatic parts, as a result the building needed to make a statement and reflect Magna's corporate identity.

### The challenge

The chosen site for the new factory is one of the largest developments in the West Midlands after the Jaguar Land Rover complex, and one of the biggest inward investments in the region in many years.

The building occupies approximately half of the 9.4 hectare site and needed to be designed in a way to allow for future expansion and to maximise cost efficiencies.



## The result

Eurobond Europanel F5 Extra was specified as the external façade and has been vertically installed in module widths of 1200mm creating a band effect in three different Colorcoat Prisma® colours of Alaska Grey, Slate Grey and Anthracite by Tata Steel.

The Europanel F5 with its secret fix joint delivers a sleek and seamless transition throughout the colours emulating the company's corporate identity to create an aesthetically appealing façade.

The composite panels to the front façade incorporated the Eurobond V-groove profile, adding a vertical joint effect to the panel face and was skilfully used to mimic the mullion design of the curtain walling below.

The spanning capabilities of the Europanel have been fully utilised, with spans up to 7.5m, to break the 13.6m elevation into just three vertically installed panels.



The independently audited production of Eurobond composite panels and the inherent offsite construction methodology allowed for the very tight manufacturing tolerances required to fix three separate banks of vertical panels, in different colours, to create the seamless strips of colour, a stunning example of what can be achieved when specifying Eurobond composite panels in an industrial setting to create a unique functional building.

Eurobond composite panels have provided all the technical properties required resulting in a visually impressive building reflecting the company's corporate identity whilst perfectly integrates the various elements of the façade.