



# EDWALTON UNITS NOTTINGHAM BRISE SOLEIL & CANOPIES

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# Brise Soleil & Canopies

Project: **Edwalton Business Park**  
Phase 1 & 2  
Client: **GF Tomlinson**  
Architect: **Rayner Davies Architects**  
Product: **145mm Elliptical Louvre System & Canopies**



## Summary

Two Point Seven Facades Ltd provided a full turn-key package. We performed the design, manufacture and installation of a aluminium brise soleil system. Providing solar shading to combined high end new build offices and manufacturing space, reducing passive solar heat gains.

## Building Description

Demolition of existing housing estate made way for construction of four standalone Grade A offices, totaling 23,500 sq ft. 'Grade A' office space is a term used to describe the highest quality office building. This building boasts a new breed of sustainability, which utilizes, otherwise wasted roof space, covered in PV Solar Panels, producing enough electricity to fulfill the requirements of the Grade A office space. The solar array will also reduce the emission of carbon dioxide into the atmosphere by 20 tonnes annually.

## External Works - Canopies

Two Point Seven Facades supplied a glass canopy to the main entrance of the Grade A office, to comply with regulation, which requires any automatic entrance to be protected from elements using an appropriate canopy. Components are entirely aluminium in construction and the system is fully adjustable to suit a variety of requirements and applications. Canopy comprises of 13.5mm toughened laminated glass, connected to curtain walling using aluminium first fix brackets, via triangulated bar and base cleats.

## External Works - Brise Soleil

Two Point Seven Facades specified the use of our 145mm extruded aluminium elliptical aerofoil, set at 160mm pitch and projecting 1200mm from the curtain walling, to provide adequate shading to the ground floor offices. The brise soleil system was built into panels for direct connection back to first fix aluminium brackets.



