



UNITED CAPS DINNINGTON BRISE SOLEIL

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Brise Soleil

Project: **United Caps Dinnington**

Client: **Jarvale Construction**

Architect: **William Saunclers**

Product: **145 E Aerofoil**

Product: **300 E Aerofoil**



Summary

Two Point Seven Facades Ltd provided a full turn-key package. We performed the design, manufacture and installation of aluminium brise soleil system, providing solar shading to the office on the south facing elevation, reducing passive solar heat gains.

Building Description

United CAPS, formerly PROCAP, is an pioneer in the packaging industry. United CAPS have invested £18M into this brand-new facility in Rotheram. Initially the facility is 54,000 sq ft, with options to expand with growth to 20,000 sq ft. The builds primary use will be the manufacture of beverage and dairy closures and caps using various types of polyethylene.

External Works

Our 145mm extruded aluminium elliptical aerofoil, set at 165mm pitch. The blades are discreetly connected to aluminium profiled side arm. System is pre-manufactured off site into panels for installation onto first fix aluminium brackets connected to steel behind cladding. The mitred corners large span was supported using aluminium tie rods connected to steel column.

Our 300mm extruded aluminium elliptical aerofoil. Set at 400mm pitch, we made a feature out of the curtain walling to the main entrance, spanning between the wings. The blades are discreetly connected to aluminium profiled side arm and pre-manufactured off-site for installation into first fix aluminium brackets connected to curtain walling mullions.

