

AMAZON DISTRIBUTION CENTRE, DUNFERMLINE

C A GROUP LIMITED



The distribution centre in Dunfermline is the largest Amazon have built so far in the UK and will create approximately 1,000 permanent jobs and has given the area of Fife a real boost to its economy.

The project, an 80,000 square metres distribution centre, had the roof and walls successfully installed in just 14 weeks as per the agreed schedule, despite two weeks disruption due to inclement weather. The building was fully lined out in eight weeks, which was ahead of programme.

The Graftongate development was a very large project with extremely tight time constraints. CA Group's in-house capabilities enabled the company to complete the design and procurement ahead of time and commence with early manufacturing. Consequently, all products were delivered early on site allowing for greater flexibility.

As a result of this process CA Group were able to gain a six-week head start with many fabricated items, such as sheets and gutters, available for immediate use. The only minor hitch was the weather, which set deliveries back by two weeks. In spite of this, CA Group were still able to deliver well ahead of schedule.

The distribution centre features CA Group's Twin-Therm® built up roof and wall system, selected by Amazon due to its Carbon Neutral® credentials and 25-year system guarantee. The system uses man-made mineral fibre insulation, which is non-flammable. This project also incorporates the Matrix Spacer System, helping Amazon to comply with government regulations through its delivery of lower U-values.

Steven Forster (Commercial Director – CA Roofing Services) commented: “When embarking on a project such as this it is crucial that companies are able to plan, not only for the cost of the project itself but for any anticipated costs which the future may bring. CA Group's 25-year guarantee means that, other than unforeseen damage, there are no hidden costs. Our Twin-Therm® system eliminates fixings from outside to in, leakages, which are often one of the main hidden costs, do not occur.”

CA Group worked with Tata Steel on this project. Colorcoat HPS200 Ultra® by Tata Steel, in Goosewing Grey, was used for the roof and membrane gutters. The warehouse walls, which cover an area of 19,500 square metres feature Colorcoat HPS200 Ultra® with a colour split of 11,000 square metres in Goosewing Grey and 8,500 square metres in Merlin Grey.

All Colorcoat® products are manufactured exclusively by Tata Steel and have the unique Galvalloy® metallic coating optimised to provide maximum corrosion resistance and cut edge protection, as well as being guaranteed for up to 40 years.

CA Group carried out the project together with Winvic Construction.

Project credits:

Project: Amazon, Dunfermline
Project Type: Distribution Centre
Client: Amazon
Project Architect: Frank Shaw Associates Limited
Main Contractor: Winvic Construction
Cladding Contractor: CA Roofing Services
Materials: Colorcoat HPS200 Ultra® Goosewing Grey Roof and Colorcoat HPS200 Ultra® Goosewing Grey and Merlin Grey Walls



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