

# GREEN TECHNOLOGY CENTRE, PETERBOROUGH COLLEGE

Maple's core products contribute to the net zero status of a new facility dedicated to sustainable construction

## LOCATION

Peterborough

## PROJECT

Aspect® rainscreen façade system, Skyvane® brise soleil and Vector® fins

## DATE

January 2025

## CONTRACTORS

Clegg Construction

## ARCHITECTS

rg+p

## DESIGN

- 16 large vertical fins in four shades of green create a subtle gradient on main elevation
- Aspect® rainscreen cladding coated in grey-white creates attractive framing effect for main elevation
- Aspect® panels coloured in anthracite grey provide a subtle backdrop for vertical fins
- Skyvane® horizontal brise soleil system finished in anthracite grey match rainscreen cladding

## MANUFACTURE

- Each green fin was powder coated to the specified shade and will retain its vibrancy for up to 25 years
- Brise soleil blades were formed into cassettes offsite to enable efficient installation
- The 700mm wide fins were preassembled in our factory and installed as full units

## INSTALLATION

- Rainscreen cladding installed with insulation layer to help improve thermal performance of the facility
- Skyvane® brise soleil installed between vertical fins to alleviate solar glare through curtain walling
- Vertical fins were installed using spider cranes and vacuum lifters due to cantilevered roof projection

## VERDICT

“Maple had a great collaborative approach to sorting issues onsite and demonstrated good attention to detail to ensure the cladding system works. The finished product looks good quality.”

Roger Bancroft, Senior Project Manager, Clegg Construction

## DID YOU KNOW?

Green Technology Centre is as green as its name. This new development not only sets a precedent in sustainable design, it also serves a greater purpose by offering a curriculum focused on sustainable construction.

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