

CHESTER NORTHGATE CAR PARK

Maple bring architectural façade project to life with aluminium panels and innovative support structure for living wall

LOCATION

Chester

PROJECT

Perforated, solid and expanded mesh panels on seven-storey car park façade, with bespoke support structure for specialist-supplied living wall

DATE

Summer 2022

CONTRACTORS

VINCI Construction UK

ARCHITECTS

AHR

DESIGN

- Regular-sized perforated, solid and expanded mesh panels
- Façade design incorporates green living wall panels to reference hills and mountains in the distance
- Bespoke support structure for living wall panels – with ‘C’ channels to hide irrigation and drainage pipes
- Maple liaised closely with architects, main contractors and specialist living wall suppliers ANS Global

MANUFACTURE

- Hole size of perforations calculated to combine panel strength with natural light and ventilation requirements
- Panels powder-coated in shades of white, grey and silver as foil to green wall
- More than 250 panels manufactured for seven-storey car park
- Maple fabricated bespoke support structure in collaboration with living wall supplier

INSTALLATION

- Maple’s specialist design, factory and installation teams managed façade project from concept to completion
- Installation required team-work with living wall supplier to ensure seamless finish
- Living wall panels slot into Maple framework
- Living wall highlights 800-space car park’s green credentials

VERDICT

“I remember early on that we had some really productive workshops with Maple, especially in terms of incorporating the living wall into the façade and understanding how it was going to work.”

Michael Dunn, Associate Director, AHR

DID YOU KNOW?

The £72m Northgate Development features the new Chester Market, a six-screen cinema, multi-storey car park, new bars and restaurants, and office spaces.



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MAPLE

