



FARRINGTON ROW CAR PARK

Maple's perforated panels create the impression of waves on a new multi-storey, which won 'Best New Car Park' at the British Parking Awards 2023

LOCATION

Sunderland

PROJECT

Perforated wave façade pays homage to Sunderland's maritime history

DATE

September 2023

CONTRACTORS

Sir Robert McAlpine

ARCHITECTS

Tonkin Liu Architects

DESIGN

- An array of bespoke perforated panels creates the picturesque image of waves
- Maple held design workshops with architects to create a final design that was cost-effective and looked great
- The façade uses controlled illumination to create visual impact during the night and day

MANUFACTURE

- Each panel was silver anodised to provide long-lasting colour and protect against marine conditions
- Every panel has a unique perforated design and was assigned a specific location on the façade to create the desired wave effect

INSTALLATION

- Nearly 2,000 panels were installed on all four elevations of the car park
- Non-corrosive A4 stainless steel fixings were also used due to the coastal location
- In line with building regulations, rainscreen cladding was fixed to the west elevation and the stair cores to help prevent fire spread to nearby public spaces

VERDICT

"Sunderland has a strong association with light, so it's fitting that the new spaces we are creating as we transform the city centre should feature it so spectacularly in their design."

Councillor Graeme Miller, Leader of Sunderland City Council

DID YOU KNOW?

The façade consists of nearly 2,000 perforated panels.



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MAPLE

