

KINGS DOCK MSCP, LIVERPOOL

Collaboration with familiar partners ensures top quality and project efficiencies

LOCATION

Liverpool

PROJECT

Architectural façade for city's biggest car park

DATE

August 2020

CONTRACTORS

Willmott Dixon

ARCHITECTS

Leach Rhodes Walker

DESIGN

- Architectural façade for Liverpool car park protects users from the elements but allows light and ventilation
- Aluminium panels laser-cut with abstract design to represent historic sailing ships
- Solid and expanded mesh panels also used on seven-storey building
- Close collaboration between architects, contractors and Maple technical design team from Day One

MANUFACTURE

- Panels designed with internal stiffening ribs for additional strength on exposed, windy site
- Prototypes of solid, laser-cut and expanded mesh panels tested at VINCI labs to withstand 120mph winds
- Value engineering process aligned challenging design with cost and practical (manufacturing/installation) considerations
- Powder-coated to protect aluminium and match brickwork colour

INSTALLATION

- Intricate design and exposed, seven-storey site led to installation challenges
- Specialised brackets and pre-drilled holes in steelwork helped ensure quick and effective installation
- 'Sailing ship' design matches up perfectly across multiple panels

VERDICT

"It was a difficult technical project that wasn't without its challenges. But the quality of the end product, from the manufacture to the installation, is great. Early engagement between Willmott Dixon, Maple and the architect was important."

Andy Beale, Project Manager, Willmott Dixon

DID YOU KNOW?

Kings Dock MSCP continues a sailing theme for Liverpool's car parks. Maple brought another maritime vision to life for architects Leach Rhodes Walker at Victoria Street, where aluminium panels were laser-cut and installed to create a striking 'fishing-net' design.

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MAPLE

