

Project:
Hallcraig Street Car Park

Location:
Airdrie

Owner/s:
North Lanarkshire Council

Applicator/Contractor:
USL StructureCare/Luddon
Construction

Designer/Architect/Specifier:
JMP

Market sector:
Car Parks

Products used & amounts:
MasterSeal Traffic 2205

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Hallcraig Street Car Park, Airdrie

New-build deck waterproofing



Our reference in Airdrie, Scotland (United Kingdom): Hallcraig Street Car Park

The background

Airdrie's £2.7 million Hallcraig Street car park, hailed as a practical example of public bodies working in partnership, provided an additional 558 town centre parking spaces, including 20 spaces for drivers with disabilities. Built in two phases, the council-owned facility includes a single-storey deck over the original main car park with a ramp to the smaller Upper Mill Street car park, plus a further upper level. As well as creating extra parking space in the town centre, the car park was designed to accommodate parking for the new £27 million Airdrie Health Centre.

The challenge

The scheme comprised the construction of new two-storey car park comprising a steel frame and precast units. An unusually thick screed was used to create good falls to gulleys. The greater amount of movement and cracking associated with steel frame structures had to be taken into account, so USL StructureCare worked with the main contractor to overturn the existing specification in favour of the MasterSeal Traffic waterproofing deck membrane.

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Our solution

USL StructureCare carried out the installation of 5000m² of MasterSeal Traffic 2205 to the car deck and ramp.

Benefits to the customer

- MasterSeal Traffic's suitability for year-round application was an advantage as the system needed to be installed during February and March.
- The elastomeric capability of MasterSeal Traffic was particularly important to the contract because of the car park's steel-frame construction.
- The system previously specified would have required a more expensive primer, and MasterSeal Traffic could be installed with no such concerns.
- The scheme created hundreds of new car parking spaces for Airdrie shoppers and visitors ahead of schedule, boosting the local economy.

Projects facts at a glance

- £2.7 million new-build car park
- Construction featured a steel frame and precast units
- 5000m² of MasterSeal Traffic applied

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