

CASE STUDY

Plant Room Roof

MAKERS

...makes the difference

PROJECT

The Assembly Rooms
Car Park Plant Room Roof

STRUCTURE

Roof

CLIENT

Derby City Council

CONTRACT DURATION

6 weeks

CONTRACT



The Assembly Rooms Multi storey car park is one of Derby's main stay car parks which is situated in the centre and is part of the main Assembly Rooms venue.

Following a fire to the plant room on the top of the Assembly rooms car park in 2014, ongoing assessments have taken place to the car park and its connecting building and different options have been put to the council. As the car park is located next to the Assembly Rooms, the council has had to establish if it was worth demolishing the 70's structure or to repair.

Makers were brought in to carry out the re-waterproofing of the plant room roof and also to carry out concrete / brickwork repairs to the roof using the Sikalastic 618 Roofing System and Sika Rapid Repair / Monotop 615 Mortar.



Before



Before

T : 08458 994444
F : 01543 480676
E : enquiries@makers.biz
W : www.makers.biz

Makers Office Building 4,
Shenstone Business Park
Lynn Lane, Shenstone, WS14 0SB

Registered in England No: 6348341 Registered Office as above

Association Membership



Accreditations



CASE STUDY

Plant Room Roof

MAKERS

...makes the difference



Following a full inspection of the plant room roof, it was called upon that the Sikalastic 618 system would be the best option to use for the roof, as it is a single component, cold applied, moisture triggered polyurethane membrane and it will withstand the cold weather elements.

The works consisted of the existing deck being planed off and all de-bonded plinths were removed. Whilst repairing the roof a new drain was installed to the plant room roof with pipework to the level below. The concrete and brick repairs were assessed; defective concrete removed and exposed reinforcement was carefully prepared. Sikalastic 618 system was applied to the appropriate decks and felted areas.

Marine plywood was placed to the walls of the upper deck and three different areas of brickwork were repointed and the application of Sika Primer 600 with the Sika S-Vap 5000 SA carrier layer was applied to the marine plywood followed by the Sika 618 system.

All works come with a manufacturer's 10 year warranty.



T : 08458 994444
F : 01543 480676
E : sales@makers.biz
W : www.makers.biz

Makers Office Building 4,
Shenstone Business Park
Lynn Lane, Shenstone, WS14 0SB

Registered in England No: 6348341 Registered Office as above

Association Membership



Accreditations

