

CASE STUDY

Top Deck Car Park

MAKERS

...makes the difference

PROJECT

Banbury Police Station

STRUCTURE

Beam and Block

CLIENT

Thames Valley Police

CONTRACT



Banbury Police Station is located in the heart of Banbury, situated on the B4100 surrounded by residential housing.

The car park is located to the rear of the Police station on a hill slope, which is accessed at street level but spans over a basement car park at the lower end of the hill.

The existing deck waterproof coating had rippled due to heat and cooling of the asphalt underneath causing thermal movement. This caused several problems such as trip hazards and come winter the rain would collect in the ridges and freeze causing the car park to be an ice rink. The upstand coatings had delaminated and rippled due to fluctuations in expansion and contraction and so the top deck needed refurbishment.

The existing deck coating was planed off and captive blasting of the deck provided a smooth and clean prepared surface for the application of Triflex Deckfloor System. New DSM expansion joints were installed and all edge details were prepared with planning disc and dust extraction units. All upstands and cracks were primed and prodetail applied to the treated areas followed by reinforcing embedment fleece to strengthen areas of potential movement.

To finish Quartz sand aggregate was broadcast into the resin to give slip resistant properties. The wearing/seal coat was applied and then linemarking installed.

T: 0845 899 4444

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.



Before



Before

