

PROVEN PERFORMANCE

ULTIMAT SAMI - A449, Malvern, Worcestershire
The ultimate surfacing solution for concrete pavements

ULTIMAT SAMI

Product ULTIMAT SAMI & ULTIMAT 10MM

Client WORCESTERSHIRE CC

Contractor EUROVIA SURFACING on behalf of
RINGWAY INFRASTRUCTURE SERVICES

Location A449, MALVERN, WORCESTERSHIRE

Completion OCTOBER 2015



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THE CHALLENGE

This main Worcester Road into Malvern was suffering from severe reflective cracking caused by movement in the underlying concrete base layers. Traditionally, a HRA 55/14 surfacing would be laid directly on to the concrete, but would result in the reflective cracking appearing again over time, meaning additional cost for the local authority and more disruption for local people. Other alternatives had been ruled out. Full reconstruction would have involved high costs and lengthy road closures. Using a thicker binder course and surface course would have caused problems when joining adjacent streets.

OUR SOLUTION

Following discussions with Worcestershire CC and their term maintenance contractor, Ringway Infrastructure Services, ULTIMAT SAMI was recommended. ULTIMAT SAMI uses the latest Polymer Modified Binder (PMB) technology and is a highly flexible stress absorbing membrane interlayer that offers proven long term crack resistance. This was then overlaid with ULTIMAT surface course which was specifically developed to combat reflective cracking and road surface deformation. Tarmac ULTIMAT combines a high performance PMB and selected aggregates, for a highly flexible, very strong and extremely durable surfacing solution.

RESULTS AND BENEFITS

The scheme was completed over two days by Eurovia Surfacing on behalf of Ringway Infrastructure Services. Each carriageway was treated on a separate day. The existing HRA 55/14 was planed away to expose the concrete base layer. The concrete was then overlaid with 25mm ULTIMAT SAMI followed by 40mm of ULTIMAT 10mm surface course. Using ULTIMAT SAMI in conjunction with an ULTIMAT surface course, provided a lasting solution to the persistent problem of cracking. As a result, the long term condition and performance of this road, as an asset, was improved and future maintenance requirements were minimised, reducing expenditure and disruption for local people.

For more details contact your enquires@tarmac.com or call **0800 1 218 218**

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