

CASE STUDY

WHERE? Dickson Road, Blackpool

WHEN? 1999

WHO WAS THE CLIENT? Blackpool Borough Council

OVERVIEW:

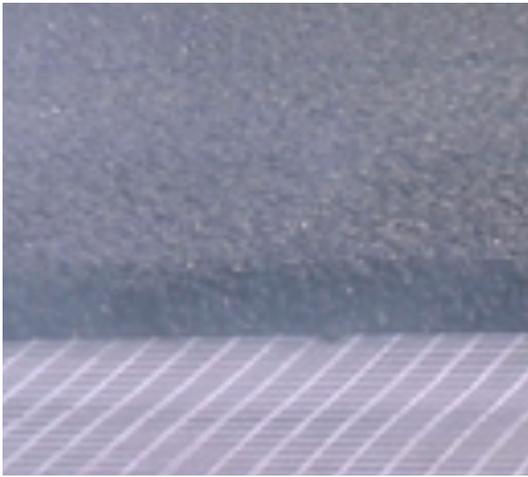


The existing asphalt was milled off to a depth of 50mm and a pre-regulated asphalt surface 25mm thick was placed. 200 pen bitumen spray was then applied and 11,000 m² of Glasstex® P100 was installed using a purpose built lay-down machine for speed and accuracy by specialist installer AGS Ltd, now operating as Foster Contracting Ltd. A 14mm stone mastic asphalt (SMA), 40mm thick surfacing course was then placed directly on to the Glasstex®.

WHAT WERE THE CHALLENGES?:

The central 5m of road consisted of a concrete slab with tram rails set in, some 50mm below the surface. The remaining width of carriageway was asphalt on sandstone pitching (setts). These different sub-strata resulted in differential movement and reflective cracking in the asphalt.





THE SOLUTION:

All the existing asphalt was planed off and Glasstex® P100 was machine installed on to a 25mm regulated surface and covered with a 40mm surfacing layer. The Glasstex® composite consists of a paving felt that acts as a strain alleviating membrane interlayer (SAMI) which is factory stitched to a grid of high tenacity glass fibre yarns that provide additional tensile strength to the overlay.

BENEFITS TO CLIENT:

11,000m² of Glasstex was successfully installed in only 3 days, despite the winter period so minimising construction time and traffic disruption. The asphalt overlay life has been extended and after 8 years the pavement shows no sign of distress.

<http://www.fostercontracting.co.uk/>

Head Office, England and Wales

T: 01376 570345

M: 07764 462294

E: kelvedon@fostercontracting.co.uk

Northern Depot

T: 01350 728950

M: 07500 842826

E: dunkeld@fostercontracting.co.uk