

# PROVEN PERFORMANCE

*The ultimate durable resurfacing solution  
West Terrace, Redcar*

No vehicles  
4.30 pm - 10.00 am  
except buses,  
cycles & for loading

**ULTISHIELD**   **ULTICRETE**   **ULTIMAT**  
SAMI

**Product** ULTIMAT SAMI, ULTISHIELD, ULTICRETE  
**Client** REDCAR COUNCIL  
**Contractor** TARMAC CONTRACTING  
**Location** WEST TERRACE, REDCAR, CLEVELAND  
**Completion** OCTOBER 2016

### THE CHALLENGE

West Terrace is a busy bus route in the centre of Redcar that was suffering from cracking and deformation, particularly around the bus stops. The original pavement wasn't designed for the weight and volume of traffic that used this route each day. The client needed a durable resurfacing solution that would withstand this heavy trafficking and break the cycle of repeated failure and repair. It also needed to be laid quickly to minimise road closures and disruption to traffic.

### OUR SOLUTION

After consultation with project partners, Tarmac recommended using a number of specialist asphalt solutions. ULTIMAT SAMI, a flexible asphalt interlayer was used to prevent traffic induced movement in underlying layers of the pavement from causing cracking in the surface course. This would then be overlaid with a heavy duty binder course and ULTISHIELD, our durable, fuel resisting surface course. ULTICRETE, a high strength grouted asphalt was also recommended for use on bus stops to provide added strength and deformation resistance. This chosen solution would provide a highly resistant pavement with many years of service life.

### RESULTS AND BENEFITS

Around 120mm of the existing pavement was planed out and replaced with the ULTIMAT SAMI stress absorbing interlayer, heavy duty binder course and ULTISHIELD surface course. A key advantage of this approach was that it provided additional crack and deformation resistance but could be laid quickly without extended road closures. Unlike concrete which has a curing period of weeks, ULTICRETE can be trafficked after 24 hours minimising disruption to the public. Work was completed on time and the client was very pleased with the finish and the quick completion.

For more details contact your [enquiries@tarmac.com](mailto:enquiries@tarmac.com) or call **0800 1 218 218**

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