

# PROVEN PERFORMANCE

*ULTILOW - Worcestershire Highways Maintenance Contract*  
*The ultimate sustainable low temperature asphalt*

**ULTILOW**

**Product** ULTILOW

**Client** Worcestershire Highways Maintenance Contract

**Main Contractor** Ringway Infrastructure Services

**Location** Worcestershire

**Completion** December 2014

*"We have worked very closely with our supply chain Tarmac to produce a suitable Warm asphalt material for all parties to ensure ease of laying, durability etc. Both ourselves and our client are very happy with the service and commitment from Tarmac. We now have a Warm lay material that is slowly exceeding the 20% WMHA target."*

Mike Carr (Operations Manager)

# ULTILOW

## *The ultimate fast, sustainable low temperature asphalt*

### THE CHALLENGE

As part of Worcestershire County Council's ongoing commitment to sustainability, an ambitious KPI target was set for the use of warm mix asphalt in their highway maintenance contract. The target specified that warm mix asphalt should constitute 20% of total asphalt used in the county's road maintenance. As part of the West Midlands Highways Alliance, the county council was committed to reduce carbon emissions from the production of road and footway materials by 20% by 2015.

### OUR SOLUTION

Based on their extensive development of warm-mix technology, Tarmac were able to recommend ULTILOW, their warm mix range of asphalts. ULTILOW asphalts are supplied at temperatures typically 40°C lower than a hot equivalent. They require less energy and generate fewer carbon emissions during manufacture than conventional hot mix asphalts. As a result they can deliver carbon footprint savings of up to 25% compared to hot equivalents.

### RESULTS AND BENEFITS

From February to December 2014 over 12,000 tonnes of ULTILOW warm mix asphalt was supplied in to Worcestershire County for use in road maintenance schemes. Since the maintenance contract required a broad range of asphalts including AC 20 DBM, AC 20 HDM, AC 32 HDM, HRA 55/10C, HRA 55/14C, this contract demonstrated the breadth and versatility of our range of warm mix asphalts. It also showed the clients commitment to ULTILOW as a sustainable paving solution.

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

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