

PROVEN PERFORMANCE

ULTILOW: Herefordshire

The ultimate fast, sustainable low temperature asphalt

ULTILOW

Product ULTILOW

Client HEREFORDSHIRE COUNCIL

Public Realm Contractor BALFOUR BEATTY LIVING PLACES

Location HEREFORDSHIRE

Completion 2015

ULTILOW

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CHALLENGE

As a member of the West Midlands Highways Alliance, Herefordshire Council was committed to reduce carbon emissions from the production of road and footway materials by 20% by 2015. In addition to this, Herefordshire Council has an ongoing commitment to sustainability and has set a KPI target for carbon reduction in the Public Realm Contract serviced by Balfour Beatty Living Places.

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 significant carbon footprint savings compared to hot equivalents.

RESULTS AND BENEFITS

From May to December 2015 over 19,000 tonnes of ULTILOW warm mix asphalt was supplied to Herefordshire Council via the Public Realm Contract for use in road maintenance schemes. This equated to over 70% of the total volume of asphalt used in the schemes and a total of 100 tonnes of CO₂e was saved. Since the maintenance contract required a broad range of asphalts including AC 20 DBM, AC 20 HDM, HRA 55/14C, AC 14 Close and ULTILAYER, this 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 or call **0800 1 218 218**

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