ULTIMATE SPEED

ULTILOW ON M180/M18 JUNCTION

LOW TEMPERATURE EME2

LAFARGE TARMAC

CONTRACTING

Product *ULTILOW*
Client *AONE+ AND THE HIGHWAYS AGENCY*
Main Contractor *LAFARGE TARMAC*
Location *M180/M18 JUNCTION (INGS ROUNDABOUT)*
Completion *AUGUST 2014*

"The scheme required a multiple layer construction in a tight working window, Lafarge Tarmac proposed to use Low Temperature Asphalt EME 2 to permit as early an overlay as possible. Aone+ wanted to minimise disruption to network users and the busy service area just off the junction and using the LTA was the only way this scheme could have been delivered to such a tight program"

ULTILOW

The ultimate fast, sustainable low temperature asphalt

PROJECT SCOPE

Reconstruction of the INGS Roundabout to restore the pavement life for many years to come.

The work was part of a package of 12 schemes in Area 12 secured by Lafarge Tarmac National Contracting's Cross Green office and involved reconstruction of large sections with over 2000t of EME 2.

KEY CHALLENGES

The scheme on the M18/M180 Junction involved reconstruction of the Roundabout over a full weekend closure. With over 3000t of material required to complete the works over a short closure period, it was vital to be able to overlay the new construction layers at the earliest opportunity.

SOLUTION

EME 2 is a high binder volume material prone to deformation from construction traffic if overlaid when hot. ULTILOW EME 2 was proposed by Lafarge Tarmac as the solution to reducing the risk of damage to the new construction during the build. A departure from standard permitting a lower rolling temperature was supported by the Highways Agency. The Ultilow EME 2 was installed in two 120mm layers, followed by a 30mm layer of 10mm Ultiflex surface course. The Contracting team worked in shifts over a 24 hour period to ensure the scheme was completed on time.

LAFARGE TARMAC
It's what Britain's built on.

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