ULTIMATE SPEED

ULTILOW ON M180/M18 JUNCTION
LOW TEMPERATURE EME2
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 Ultiow 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.