

CLIENT EM Highways
 CONSULTANTS Kier Highways
 LOCATION M54
 Junction 4 Slip Roads
 CONTRACTOR Lafarge Tarmac
 QUANTITY 8,100m²
 PRODUCT GlasGrid® CG100L
 DATE February 2015

KEY OUTCOMES

- Cost** Driving costs down in reactive maintenance by using an additional moisture barrier
- Environmental** Providing a greener solution by allowing a thinner pavement design to reduce carbon footprint
- Safety** Reducing road surface related accidents and collisions
- Efficiency** Keeping disruption to a minimum by only having three weekend closures
- Longevity** Extending pavement life up to five times
- Collaboration** Collaborating with other companies ensuring there was the right people for the right jobs

PRODUCT SPECIFICATION

GlasGrid® CG100

Tensile strength	115 x 115 +/- 15 kN/m
Melting Point Coating	> 232° C
Melting Point Glass	> 820° C
Grid Size	25 x 25 mm
Mass per Unit Area	542 g/m ²
Roll Length	60 m
Roll Width	1.5 m

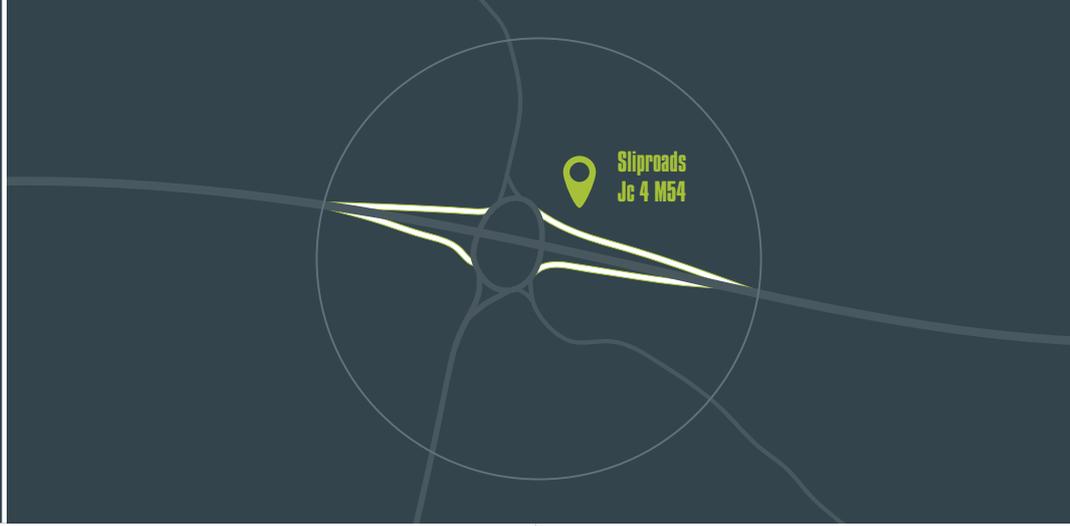
GlasGrid CG100L is a composite fibre glass grid and a non-woven paving fabric. CG100L is an extension of proven GlasGrid system providing the solution to reflective cracking from cracks and joints throughout the pavement. GlasGrid CG100L offers additional pavement protection owing to a moisture barrier that is formed when the non-woven layer has impregnated with bitumen.



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info@asphalt.rs.co.uk



ROUTE PLANNER

START FEBRUARY 2015

Cracking issues inspected on M54 slip roads.

FIRST STEP

Working closely with Lafarge Tarmac for a cost effective solution.

HIT THE ROAD

GlasGrid® CG100L chosen to do the job.

MOVING FORWARD

8,100 m² laid by qualified team.

STAYING ON TRACK

A thinner stronger moisture resistant pavement.

FINISH

Fast completion and minimal disruption. Exactly what the client needed.

FINISH FEBRUARY 2015

START

Every road has a limited life span. Some suffer more damage than others. So when the slip roads on the M54 were displaying signs of cracking, an effective solution to extend its life was needed. Luckily, we're just the team to help.

ROUTE

Working closely with Lafarge Tarmac, it was decided GlasGrid® CG100L would be used and installed using 160/200 pen grade bitumen followed by a surface course. GlasGrid reinforcement systems have been proven to extend pavement life and we've installed them right across the UK. For this project 8,100 m² was laid.

FINISH / DESTINATION

Our qualified team ensured a quick smooth installation, so there was little disruption. GlasGrid® CG100L was installed to a 30mm regulating before being overlaid with 65mm binder 45mm sma surface course. The four slip roads were treated over 3 weekend closures to minimise disruption.

'I was highly impressed by the speed and quality of the ARS operation.'

Simon Westwood
Contracts Manager for Tarmac

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