



A515 Lichfield Road Project, UK

Product:	GlasGrid® CompoGrid® CG100 and Sealoflex® SC-4 polymer modified binder
Construction period:	August 2011
Quantity:	22,360m ²
Location:	UK, A515 Lichfield Road
Scope of contract:	Supply of GlasGrid® CompoGrid® CG100 and Sealoflex® SC-4 polymer
Layer structure:	Bond coat

Asphalt Reinforcement Services (ARS), UK, was asked to tackle a problem that had been going for years. The A515 Lichfield Road suffered from wheel tracking, fretting and cracking problems due to the high volume of HGV traffic. The haunches were excavated and replaced using cost-saving, recycled material.

ARCDESO®-technology was used to model the lifetime performance of the pavement. With the aid of ARCDESO® a long-lasting solution was provided that helped reduce cost and reactive maintenance. Finally, CompoGrid® CG100, incorporating 2.0 kg/m² of Sealoflex® polymer modified binder, was chosen to strengthen the pavement, arrest reflective cracking and considerably extend pavement life. Using the CompoGrid® solution allowed consultant to reduce the total inlay thickness by 100 mm as well as the contract duration on this innovative scheme.



High performance
cost effective
solutions for
highways

Key benefits

Cash savings

By using patented technology, inlay thickness of surfaces were reduced, enabling a shorter contract duration. Reducing road closures and road surface related accidents and collisions.

Increased efficiency

By using ARCDESO®-software, this enabled the client to forecast the effect of implanting the solution. Collaborating with third companies ensured the right expertise was applied to the right jobs.