

# On-line archive documents the key developments

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## Ringway, MA 23, autumn 2008 – Performance assured by design precision

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Environmental targets, landfill charges and aggregate tax – all are increasing interest in asphalt recycling as a financially prudent solution for road resurfacing projects. According to Ringway Infrastructure Services, such incentive is driving up demand for its Foambase recycling process, with the manner in which the technique is applied ensuring its success.

Each Foambase asphalt mix is designed specifically for the individual application after the existing pavement has been tested to ascertain its nature. The exact mix constituents can then be determined for getting precisely the desired outcome, as demonstrated on the A338 in Wiltshire.

Ringway laid 7000t of Foambase along a 1.1km section of the A338 in May 2008 for Wiltshire County Council. The authority had not used Foambase before but was aware of its performance and financial benefits.

"We felt that this scheme was big enough to make recycling with Foambase worthwhile doing," says Wiltshire's Highway Network Maintenance Manager Peter Binley.

"The technique is providing a new way for us to make the budget go further by saving money on new materials and potential landfill costs" – as well as helping the council and other authorities meet their environmental targets on recycling...

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**Nynas, MA 25, autumn 2009 –**

**Modified binder benefits spelled out simply**

**A**sphalt producers looking for enhanced durability from their road surfacing materials are becoming more aware of the benefits of selecting polymer modified bitumens. These special binders contain additives designed to make an asphalt more workable during application, and – once in situ – more resistant to deformation, fatigue or cracking.

Nynas Bitumen has rebranded its entire range of bitumen products including its polymer modified binders, or PMBs. Nynas now offers three categories of bitumen binder as part of an initiative it calls the 'Performance Programme'...

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**Shell Bitumen, MA 21, autumn 2007 –**

**Upping surface outputs with Shell S Grade**



**M**uch of the UK's pavement surfacing is now carried out at night to keep disruption to a minimum. Restriction on working hours brings logistical difficulty, which has driven Shell Bitumen to develop its Shell S Grades for increasing volumes of surfacing possible in a given time.

Asphalt mixes containing Shell S Grades are more workable at a given temperature – or can be laid at lower temperatures. Any Shell binder can be modified to provide the tangible benefits of Shell S Grades...

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**Colas, MA 25, autumn 2009 –**

**Staying power proves potholes repair product**

**H**ighway authorities interviewed by Modern Asphalts are claiming to have 'got on top' of pothole issues aided by a high performing repair product. The material – Colas' Colpatch – is giving certainty that pothole repairs will last.

This has been mostly in Scotland thus far, although the benefits of Colpatch relate only in small part to geography. The crucial attribute is the product's durability in all weathers, gained from its composition and reported 'tenacious bond' to the bottom and sides of any pothole...

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