



# Rubber Modified Asphalt



**“Subject to the success of the trial of the new asphalt in Ollerton, I look forward to this environmentally friendly, cost-effective material quite literally being rolled out across the county, as part of our ongoing programme to deliver much-needed improvements to many of Nottinghamshire’s roads.”**

Councillor John Cottee, Chairman of Nottinghamshire County Council's Communities and Place Committee

This year we have continued to develop our rubber modified asphalt product and have carried out trials with local authorities.

By using rubber modified asphalt up to 750 waste tyres could be used in every kilometre of road resurfaced with the new material, depending on the thickness of the road, and help reduce the 120,000 tonnes of rubber waste including 500,000 tyres that are exported from the UK annually.

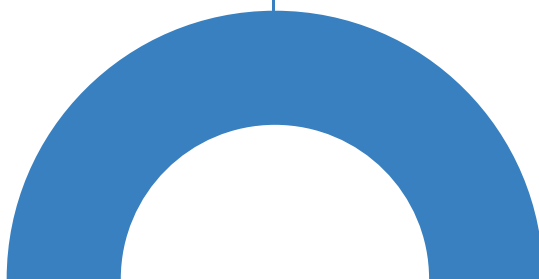
Subject to receiving its rubber stamp of approval, the environmentally friendly material could become the way forward for the country’s future road surfaces and help to find a use for the 40 million waste tyres that are produced every year in the UK.

The surface is laid at a lower temperature which means roads can be re-opened quicker with up to 10 per cent less carbon dioxide emissions, improved site safety, reduced fumes and less risk of burns to workers.

## **Nottingham council**

A road in Nottinghamshire was one of the first in the country to be resurfaced with the new sustainable asphalt. A section of the A6075 Forest Road in Ollerton near Mansfield was part of a trial for the new rubber modified asphalt.

Councillor John Cottee, Chairman of Nottinghamshire County Council's Communities and Place Committee, added: “Every day in Britain some 100,000 worn tyres are taken off cars, vans and trucks and sent for recycling, having travelled thousands of miles along our highways, so it seems highly appropriate that they should return to those highways as part of a good quality, sustainable road surfacing material.





### **Tower Hamlets Council**

Tower Hamlets has become the first borough in London to approve the new type of road surface made from rubber modified asphalt. Work was undertaken on Canrobert Street in Bethnal Green where approximately 100 recycled tyres were mixed into a new road surface laid by council contractors Riney.

John Biggs, Mayor of Tower Hamlets, said: "It's great to see innovative solutions to repurposing waste that could otherwise go to landfill or incineration. We were one of the first councils to declare a climate emergency and we're keen to explore all ideas that can reduce our impact on the environment. This product will provide a safe surface with fewer emissions

and disruption during the laying process. We want residents and businesses to think about how they can reduce their carbon footprint so it's important we do our bit too."

### **The City of Wolverhampton Council**

The City of Wolverhampton Council has also laid the rubber modified asphalt to support environmentally friendly roads in the city. Northcote Lane is the first road in the city of Wolverhampton to trial it.

**Product case study** 

**Find out more about rubber in roads** 

**Rubber modified asphalt product page** 