

Rubber Modified Asphalt

Proven performance

Rubber Modified, Low Temperature Asphalt resurfacing in Bolton

The first Rubber Modified Asphalt laid in the North West

The Challenge

Bolton Council needed to resurface a residential road and wanted to reduce their environmental footprint across the works programme. Work needed to be completed in a day with minimal disruption for residents. Materials used needed to offer more sustainable performance and fast trafficking.

Our solution

Following consultation of the scheme requirements a Rubber Modified, Warm Mix SMA was agreed to be the best solution. Produced at lower temperatures, the warm mix asphalt reduces CO₂ emissions by 10%.

The rubber crumb delivers durability benefits and also helps to dispose of waste materials, offering the potential to recycle about 500 tyres per kilometre of road, depending on layer thickness.

2484m² of the existing carriageway was planed out to a depth of 35 mm and 200 tonnes of 10mm SMA Rubber Modified asphalt was laid.

Results and Benefits

By utilising Tarmac's innovative warm mix and rubber modified asphalt the client received a durable, fit for purpose product which has the exact same performance as a traditional SMA bases material but with enhanced sustainability credentials, reduced CO₂ emissions and longer lasting performance.

The client and local residents were happy with the finished visual effect and friendly, professional workmanship. Work was completed on time with minimal disruption experienced by residents due to the fast installation and early trafficking product attributes.

Enhanced environmental credentials for council and residents were achieved using a more sustainable material which incorporates waste recycled tyres and warm mix technology. The first time the material has been laid the Bolton.



Building  our future