

“Imagine a world where waste is no longer seen as a burden but as an opportunity. Tarmac Trenchfill is making this a reality by utilising waste materials in innovative ways.”

Hannah Haeffner, national recovery & recycling manager at Tarmac

Planet

**NET
ZERO**

Circular Economy

Tarmac Trenchfill Transforms Waste Management

As part of our commitment to more sustainable ways of managing and maintaining Britain's roads, Tarmac now offers a closed loop recycling service for 'arisings' from footpath reinstatements.

Tarmac Trenchfill is a new waste management system that was introduced in 2023 as one of the many steps we are taking in our journey to net zero and a circular economy. It uses a proprietary binder that, when mixed with arisings, uses the free moisture from the atmosphere to start a reaction that binds it, to form a high quality, structural reinstatement material.

This new product is leading the way in changing mindsets and embracing a new approach to waste by transforming it into valuable resources. Instead of the traditional linear 'take-make-dispose' model, we're at the forefront of the circular economy movement by creating a closed-loop system where waste becomes a valuable resource.

As an alternative reinstatement material, Tarmac TrenchFill can be used as a combined sub-base and binder course, reducing the asphalt layer by 50%. It meets the requirements of the Specification for the Reinstatement of Openings in Highways (SROH).

TrenchFill reduces site waste and embodied carbon emissions associated with the manufacture of primary aggregate and asphalt materials. With a strength three times greater than traditional methods, by improving the quality and durability of the reinstatement, Tarmac Trenchfill can also help avoid future emissions arising from rework.

