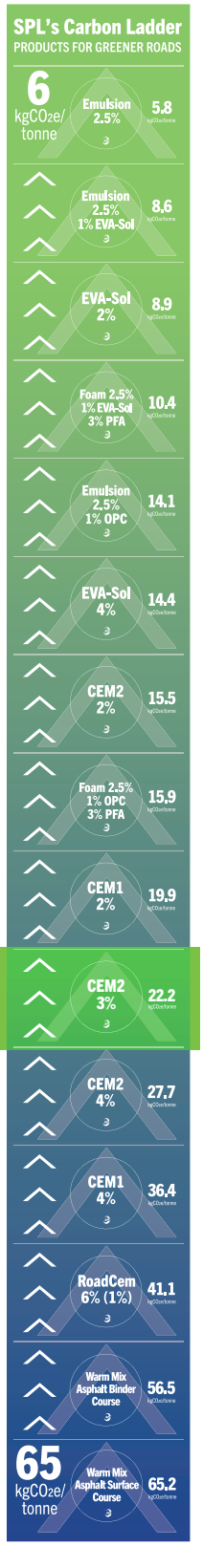
CASE STUDY

Derby City, Lime Lane - Deep in-situ recycling



Scheme:	Lime Lane
Authority:	Derby City Council
Date:	November 2024
Area:	9236 m²
In-Situ Process:	250mm deep in-situ recycling
Surfacing:	50mm thick PMB SMA Surface Course
CO_2 Saving:	171 tonnes (52%)

Derby City Council

Derby City Council are continuously driving innovation, best practice and sustainability, and are looking for ways to maximise on funding by delivering cost-effective solutions that offer the same performance as the conventional methods, as well as reducing carbon footprint driving towards net zero.

In-situ recycling is something we wanted to reintroduce to Derby City, and Lime Lane was an ideal scheme to do so. Originally identified for conventional resurfacing, we explored the possibility of recycling at this location, which aside from the benefits above, allowed us to spread our funding further increasing our programme with additional sites that we wouldn't have been able to deliver without this.

The scheme was a huge success and has received very positive feedback across the board, and we look forward to working with Stabilised Pavements again.

Our approach to Asset Management is simple, the right treatment, at the right location, and the right time, and in-situ recycling is a tool that will remain in our armoury when carrying out programme development and lifecycle planning.

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