



Skanska M25 junction 16-18 Warm Asphalt



Client	Skanska on behalf of Connect Plus
Project	M25 J16 – J18: Warm Asphalt
Value	£2.2M
Volume	13,000 tonnes
Completion	October 2016

Project Details

Brief:

To re-surface the section of carriageway between Junction 16 and 18 on the M25, on behalf of Skanska. The works needed to be carried out to maximise efficiencies, whilst minimising the risk of over run, which would have impacted negatively on the traveling public on a busy stretch of the M25.

Solution:

Maximise efficiencies in the working window.

What is Warm Asphalt?

Warm asphalt is a sustainable, low temperature asphalt. The material is supplied at 40 degrees C lower than a hot equivalent, whilst giving the conventional benefits of a standard asphalt.

Benefits

Warm asphalt has a **reduced cooling time**, in comparison to standard asphalt. Therefore, by using warm asphalt on this busy stretch of carriageway we were able to **maximise the working window** and **minimise disruption to road users**.

The reduced cooling time also allowed for **multiple layers** to be laid quickly, again ensuring the road could be opened to traffic sooner.

As a cooler asphalt, this product also has environmental benefits. The asphalt requires **less energy** during manufacturer, generating **fewer carbon emissions** and helping **reduce the carbon footprint**.