

era[®] 140

Technical data sheet

A warm mix asphalt (WMA) solution designed to reduce carbon emissions, improve efficiencies, reduce disruption and improve contractor health and safety.

Heidelberg Materials' era 140[®] WMA incorporates a specialist bitumen that allows asphalt to be produced at a reduced temperature (up to 40 degrees lower) than conventional hot mix asphalt. This uses less energy, helping to cut the CO₂ emissions associated with asphalt production by up to 15 per cent. The lower manufacturing temperature generates less fumes and steam. This improves air quality and visibility during installation and also reduces the risk of burns.

Benefits

- Carbon reduction: typically up to 15% reduction in asphalt production emissions, resulting in an average 2.4kg CO₂e saving per tonne of asphalt, compared with standard hot mix asphalt
- Faster completion of resurfacing work, increasing efficiency and resulting in less disruption for road users
- Reduction in thermal ageing process
- Enhances durability due to reduced oxidisation during manufacture
- Allows recycled content
- Improves health and safety for work force

Also available with the following options:

Cleanair[®]/CarbonLock[®]/AgeLast[®]/Recycleplast[®]

- Can be used to produce the majority of Heidelberg Materials' asphalt products
- 100% recyclable
- Laid using conventional asphalt paving equipment
- Available from Heidelberg Materials' asphalt plants across the country

Please see asphalt product matrix for further information or contact technical:

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Use this product for

- Carbon reduction



ENHANCED
DURABILITY



INCLUDES
RECYCLED CONTENT



REDUCED
CO₂