



BORN AGAIN.

RECOVERED TYRES.
REUSED FOR ROADS.

RUBBERMIX
ASPHALT

Made from recycled tyres

An aerial photograph showing a road construction site. In the foreground, a yellow machine is partially visible. In the middle ground, a blue machine is working on the road surface. In the background, an orange machine is also visible. The road surface is dark and appears to be newly laid asphalt. The background is a bright, overexposed area, possibly a sky or a large open field.

RECOVERED TYRES. REUSED FOR ROADS.

RUBBERMIX ASPHALT (RMA) transforms used tyres into new functional roads, helping to offset the environmental impact of highway maintenance activity through the circular economy.

Our road infrastructure is crucial to economic and social development. With over 33 million* cars on our roads, it provides communities with the links they need to access health, education and jobs. The construction of new, and maintenance of existing, highways ensures we can stay connected, helping to build a better future for everyone.

In the UK alone, there are around 40 million[†] used tyres generated each year creating 450,000 tonnes[†] of used rubber to dispose of.

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Sources:

*Vehicle Licensing Statistics: April – June 2022 (www.gov.uk/government/statistics/vehicle-licensing-statistics-april-to-june-2022/vehicle-licensing-statistics-april-to-june-2022)

[†]nationaltyrerecycling.co.uk

RECYCLED AND ROAD READY

RUBBERMIX ASPHALT (RMA) enables end-of-life tyres to be reused. New roads can be created and a new life given to used tyres, all helping to offset the environmental impact of highway maintenance.

RUBBERMIX ASPHALT (RMA) is a solution, which works with CEMEX branded asphalt products* incorporating crumb rubber granules into the existing asphalt mix.

*Excluding VIAPAVE and VIATEX



A new lease of life for old, worn tyres.

WHAT IS CRUMB RUBBER?

Waste tyres are modified into crumb rubber by shredding the tyres into granules and producing new functional material. It is commonly used to produce new football pitches and soft play floors.

The crumb rubber used in our RUBBERMIX ASPHALT (RMA) is from tyres fully recycled in the UK, with one tyre per tonne of asphalt, giving the potential to recycle up to 500 tyres per kilometre of road (depending on layer thickness).

With the addition of the crumb rubber, the quality and product performance you'd expect from our range of asphalt products is maintained.



RUBBERMIX
ASPHALT



CEMEX supplies up to 1M tonnes of asphalt per year, if this was all supplied as RUBBER**MIX** ASPHALT (RMA) all of the end-of-life tyres generated annually in the UK could be reused and recycled.

KEY FACTS

We recycle approximately one used tyre per tonne of Asphalt.

All RUBBER**MIX** ASPHALT (RMA) tyres are fully recycled in the UK.

There's the potential to recycle up to 500 tyres per kilometre of road.

RUBBER**MIX**
ASPHALT

TECHNICAL INFORMATION

Property	Water Sensitivity	Stiffness	Deformation Resistance	
Test Method	BS EN 12697-12	BS EN 12697-26	BS EN 12697-22 Procedure B 60	
	ITSR	ITSM	WTS _{AIR}	PRD _{AIR}
SMA 10 Surf 40/60	84%	4000 MPa	0.3mm	11%
SMA 10 Surf 40/60 + Crumb Rubber	80%	3900 MPa	0.2mm	9%

*The above is a typical comparison between a Stone Mastic Asphalt Surface Course with and without the addition of Crumb Rubber.

APPLICATIONS

- Motorways
- Urbanised Roads
- Pavements
- Driveways

FEATURES AND BENEFITS

- Higher resistance to ageing
- Smoother ride (comparable to standard asphalt)
- Sustainable
- Contains recycled rubber

Combine with VIALOW WARM**MIX** ASPHALT

Combine RUBBER**MIX** ASPHALT (RMA) solution with VIALOW WARM**MIX** ASPHALT, a low temperature, low carbon asphalt solution from CEMEX. Available in all equivalent conventional and proprietary mixes enabling embodied carbon reductions of up to 20%. The remaining CO2 emissions can be offset with our zero option.

For more information visit cemex.co.uk/vialow

VIALOW™

THE CIRCULAR ECONOMY

Our commitment to sustainability is a fundamental pillar of our business strategy.

On a planet with finite resources, we cannot continue with the current growth model based on the linear economy. There is a need to implement a development model that optimises the use of resources and minimises waste: **The Circular economy.**

We believe a circular economy is essential for environmental sustainability. By transforming waste materials into invaluable solutions, carbon emissions are reduced along with with additional environmental benefits.

For more information on **CEMEX's** commitment to sustainability visit cemex.co.uk/future-in-action

RUBBERMIX****
ASPHALT

For technical services and product support,
contact our **Asphalt Support Team**
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