



LOW CARBON & RECYCLED ROAD SURFACES

RUBBER MODIFIED ASPHALT

***THE ROAD TO A SUSTAINABLE, NET ZERO
CARBON CITY IS LAID WITH HALO™***



RUBBER MODIFIED ASPHALT

Incorporates end-of-life tyres combined with Huyton Asphalt's HALO™ warm mix asphalt technology to provide an environmentally sustainable asphalt with a reduced carbon footprint



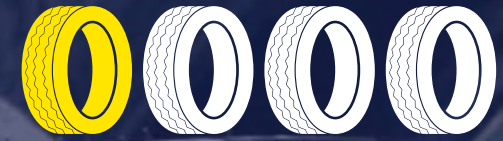
RubberPave™+ is BBA accredited for highways and performs with the same effectiveness as conventional materials

**HUYTON ASPHALT IS THE
ONLY SUPPLIER APPROVED
BY HALO™ TO LAY RUBBER
MODIFIED SMA**



55million

WASTE TYRES
PRODUCED EVERY YEAR



1 in 4

WASTE TYRES ARE
EXPORTED

BENEFITS OF HALO™ RUBBER MODIFIED SMA



DURABILITY

HALO™ Rubber Pave+ has a longer lifespan compared to traditional asphalt, meaning less frequent repairs and maintenance are required.



INCREASED FLEXIBILITY

HALO™ Rubber Pave+ has a greater ability to resist cracking and rutting, making it ideal for roads that experience a high level of traffic.



REDUCED NOISE

HALO™ Rubber Pave+ has been proven to reduce road noise. It meets the requirements for level 3 'very quiet surfacing material' according to the Manual of Contract documents for Highway Works (-3.5 dB(A))



DESIGN LIFE

HALO™ Rubber Pave+ is a low void surfacing system and comparable design life to HRA



REDUCED WASTE

over 55 million tyres go to landfill each year, and our solution helps to mitigate this waste as approx. 750 tyres are recycled per lane km.



CO2E SAVINGS

HALO™ Rubber Pave saves 5% extra CO2e compared to SMA.

Typical properties	Air voids	Water sensitivity	Stiffness	Wheel tracking	
Standard	BS EN 12697-8	BS EN 12697-12	BS EN 12697-26	BS EN 12697-22 Procedure B at 60°C	
	%	ITSR	ITSM	WTS _{AIR}	PRD _{AIR}
10mm SMA 10 rubber modified	3%	90%	3200MPa	0.20	10%
10mm SMA 40/60 pen	4%	80%	3400MPa	0.20	10%
AC close graded 100/150 pen	8%	80%	1300MPa	0.80	27%

RUBBER MODIFIED ASPHALT IS NOT ONLY SUSTAINABLE BUT OUTPERFORMS CONVENTIONAL ASPHALTS

TO DATE

11,411.78

END-OF-LIFE TYRES HAVE BEEN REPURPOSED



THE ROAD TO A SUSTAINABLE, CARBON NEUTRAL COUNTRY IS LAID WITH HALO™

Our vision is drive forward pioneering environmental innovation matched by exceptional performance

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