

Process	Infrared Recycling & Volumetric Asphalt Production
Treatment Areas	Carriageway & Footway
Materials	Bituminous surface course materials (AC, HRA, SMA) may be mixed on site. All produced at 170°C ensuring quality of final reinstatement. Different materials can be produced each shift allowing the crew to undertake repairs in multiple surfaces regardless of quantity. Existing materials are recycling into base layers ensuring zero waste. Heavy compaction equipment used to ensure durability.
Production Rate	Average 120m ² per shift, maximum daily output 186m ²
Total Area Treated	2049m ²

Benefits	
<p>Safety & Environmental</p> <ul style="list-style-type: none"> • Zero Waste • Uses recycled Truck Tyres • Reduced HAVS exposure - no breakout required • Fewer people / plant interfaces • Reduced noise and vibration • Elimination of dust 	<p>Quality</p> <ul style="list-style-type: none"> • Polymer-Modified materials used as standard • Jointless structural repair eliminates weakness created by breakout and additional joints • High degree of temperature control offering Improved adhesion to lower levels • Correct rolling temps offering improved compaction in lower ambient temperatures • Suitable for winter working
<p>Operational</p> <ul style="list-style-type: none"> • Agile teams with flexibility to change configuration to suit programme • Fewer operatives on site • Simple site set up – fewer items of plant • High productivity 	<p>Commercial</p> <ul style="list-style-type: none"> • ‘Pay as you go’ service • Funded off balance sheet • No need to purchase or lease plant • Eliminates daytime collection costs and other surcharges at asphalt plants



Images

