

THERMAL *road repairs*



**SUSTAINABLE REPAIR
SOLUTIONS FOR RAIL**

Services (Biodiverse & Ethically Sustainable)

- Thermal road repair
- Traditional Tarmac
- CBM hybrid products
- Roadmender surface dressing
- Road linings
- Hatched/white/Yellow and Red
- Road / Highway identification markings
- General Construction
- Building- platform-bridge repair and installation
- On and offsite
- Civils repair renew and fault finding and maintenance
- On or offsite
- Drainage repair renew and fault finding



Services (Biodiverse & Ethically Sustainable)

- Vermin Controls
- Pigeon netting
- Pigeon deterrent spikes
- Painting and Maintenance
- Station buildings
- External specialist coatings
- Platform Road and carpark
- Identification Marks directional and information painted markings and indicators
- UTX works (under track excavations)
- UTR works
- Signage and demarcation information boards
- Road all track construction
- Rough cast and field finish
- Access for Trackside exploration and maintenance operations



KEY ADVANTAGES

Traditional Repairs

- Cut or dig required
- Creates potential seam
- High HAVS risk
- High noise levels
- Multiple plant items
- Waste material created
- Removal of waste
- Extra asphalt required

Thermal Road Repairs

- No cut or dig
- Recycle fail or failing material
- Rejuvenate existing area
- Only requisite material added
- Seamless - homogenised into existing surfaced
- Negate overbanding
- Single plant item
- ZERO waste
- LOW carbon emissions

CARBON SAVINGS

3.49

Kg/m²
CO₂ emissions

Traditional Repairs

85%+

CO₂ emissions savings
(equivalent emission of 0.5kgm²)

Thermal Road Repairs

100%

excavated material
savings

88%

imported material
savings

KEY BENEFITS SUMMARY



85%+ SAVINGS
in CO2 emissions

NO jackhammers
LOW HAVS



100% recycled

PERMANENT
seamless solution



SOLAR & BIOFUEL
enabled



ZERO waste
<10% extra asphalt

Cost **EFFECTIVE**



NO cutting
LOW noise

SELF CONTAINED
1 vehicle 3 crew



FAST process
HIGH output

EQUIPMENT

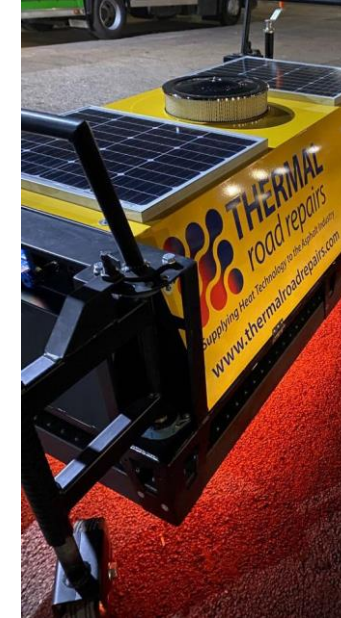
Integrated solar charging

Integrated hot box

Integrated task lighting

Choice of asphalt repair heater

Carries Chapter 8 TM and up to 3 staff



WORK EXAMPLES

Before



After



AMEY - Trafford Dobinett Lane

AMEY Trafford - Goldworthy Rd

Bath

ACCREDITATIONS



Constructionline Gold



National Highways Sector Scheme ID 229041



ISO 9001 : 2015



Railway Industry Supplier Qualification Scheme ID 6564



Global Standard for Managing Infrastructure Carbon

Thank you



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<http://www.thermalroadrepairs.com/>



[Video: TRR repair solution](#)

Decarbonising the Rail repair industry.

High output. Low emission. Zero waste. Permanent solution.

