



# Roadmender Elastomac

Technical Data





# Rubber-Modified Surface defect repair system\*

## Technical data

Roadmender Elastomac is a sustainable and highly cost effective, permanent repair system for cracks, joints, alligator cracking, potholes, pre-surface dressing patching, kerb channel repairs and shallow surface defect repairs around manholes and gullies.

Elastomac provides a fast non-invasive road repair process where, rather than being excavated, defects are simply filled before being covered with a durable fast setting layer of rubberised Mastic that forms a permanent, textured wearing course over the patch, locking the repair in place while also eliminating any potential for the ingress of water.

*\* Contains up to 9 end-of-life tyres recycled into every tonne*



Certificate Reference – PA946 0004



FM 610607



**Roadmender Elastomac** is a patented, hot applied, wet processed, rubber-modified mastic that is specially designed for fast, cost effective, permanent repairs to shallow defects in either asphalt or concrete roads and footways.

The product is supplied in 1-tonne pallets of 20kg bags that are ready to be heated and mixed directly at the job site.

## Applications

- Alligator cracking
- Potholes
- Pre-surface dressing patching
- Surface level surrounds to manholes and gullies
- Cracks
- Joints
- Kerb channel repairs
- Speed bump / sleeping policeman

## Benefits

- Green product containing up to 9 end-of-life tyres recycled into every tonne
- Durable, flexible, waterproof material
- Adheres to both asphalt and concrete
- Fast to install
- Long service life - 3 to 5 years
- Heated and mixed on site so no wasted time collecting
- Low carbon footprint averaging 3.32kg CO<sub>2</sub>e per m<sup>2</sup> of repairs
- Zero waste Easy to install Fast curing
- Precise, targeted nature of the repair system also delivers significant additional cost savings







## Technical Data

- PTSPAS Certificate No: PA946 0004
- Polymer Modified Bitumen manufacturing process and classification to BS EN 14023:2010
- Factory Production Control (FPC) and Quality Management System (QMS) Audits
- Current BSI QMS accreditation to BS EN ISO 9001:2015
- BSI Certificate Number FM 610607 and recent audit
- BSI Certificate of Conformity of the Factory Production Control 2797 CPR 640249 in respect of BS EN 13108-6
- Installation Method Statement (IMS) for manufacture and product installation
- Design and Development of Products and Services compliance with BS EN ISO 9001:2015
- BS EN 13108-6 : 6mm Mastic target composition



# Aggregates Texture and Skid Resistance

Skid Resistance Value (SRV) = >60

Stone Value (PSV) = 62

Aggregate Abrasion Value (AAV) = 5-9

## Spread Rate

The spread rate for the material for shallow surface defect repairs is ~ 17 kg per square metre. More for deeper repairs.

## Curing time

Approximately one minute per mm installed. Shallow repairs on average take around 5-10 minutes before the road can be reopened to traffic.







# ROADMENDER MASTIC

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