



# RonaRoad Permanent Road Repair SMA

## Permanent fast setting SMA repair for roads

### FEATURES

- ✓ Fast set road repair
- ✓ Permanent repair for potholes and damaged roads
- ✓ Ready for immediate traffic after compaction
- ✓ No mixing; easy to apply
- ✓ Apply to dry or damp surfaces
- ✓ For “straight line” and “turning” traffic

### SPECIFICATION CLAUSES

#### 1. Permanent fast set road repair

The road repair shall be RonaRoad Permanent Road Repair SMA by Ronacrete Ltd, telephone +44 (0) 1279 638700. All materials to be applied in accordance with manufacturers instructions.

### SUMMARY APPLICATION PROCEDURE

1. Prepare surface
2. Apply RonaRoad Permanent Road Repair SMA
3. Mechanically compact
4. Traffic

### Description

RonaRoad Permanent Road Repair SMA is a permanent cold lay fast setting stone mastic asphalt (SMA) repair for potholes and damage in roads, paths, cycle paths, tarmacadam and asphalt surfaces. It is easy to use and fast curing.

Immediately after application and compaction roads can be opened to normal traffic including the turning and scuffing stresses of tyres turning on the repair. Repairs are hand placed, mechanically compacted and then ready for immediate traffic.

### Features & Benefits

- Fast road repair for potholes and traffic or weather damage
- Can be instantly trafficked
- Minimises disruption, expense and frustration caused by lengthy road closures
- Permanent repair eliminates need to return to site saving labour and material costs
- Instant trafficking allows roads to be reopened immediately (complies with the Traffic Management Act)
- No need for temporary infills or temporary patch repairs
- Like-for-like repair increases durability
- Cold applied material eliminates health and safety risks associated with hot pour repair compounds
- Formulation provides good impact, skid and wear resistance

### Regulations

New Roads and Street Works Act 1991 (June 2002). The use of permanent cold-lay surfacing materials must comply with the revised Appendix A10 of the Specification for the Reinstatement of Openings in Highways, June 2002. The Guideline replaces the previously revised Appendix A10 and has been approved under sections 71 and 130 of the Act for use in England, Wales and Scotland.

### Cost saving

Pothole repair and carriageway reinstatement carried out with temporary infill and repair material requires return visits to replace with a permanent repair. This results in additional material and labour costs together with disruption and traffic management. The use of RonaRoad Permanent Road Repair SMA eliminates these additional costs.

### Supply

RonaRoad Permanent Road Repair SMA is supplied in a 25kg pail which contains the ready mixed bitumen, aggregate and workability aid modifiers.

### Surface Preparation

Prior to repair the surface must be adequately and properly prepared to ensure optimum durability and performance. Edges of the repair should be mechanically cut to provide clean straight edges and allow the minimum depth of repair to be placed.

The surface may be dry, damp or wet during application; avoid standing water and puddles.

### Priming

Prime the vertical faces of the repair and any ironwork within the repair with RonaRoad SMA Primer.

### Placing

Open the pack and place sufficient material into the repair area. If it has settled or partly compacted during storage / transit, break up with a fork or shovel before use. No other mixing is required. Overfill by 50%.

### Compacting

Compact with a vibrating plate or similar to ensure good compaction throughout the depth of the repair and to close the surface.

### Unused Material

Any unused material, provided clean and dry can be returned to the original packaging; store as stated. Discard if not used within 2-3 days.

### Deep repairs

The maximum repair thickness per layer is 50mm. Where the repair thickness is greater, the repair must be placed in layers of approximately equal thickness. Place the first layer and compact with a vibrotamper. Immediately place the second layer and compact with a vibrating plate or roller.

The maximum repair depth for a multiple layer repair is 100mm.

### Health and Safety

RonaRoad Permanent Road Repair SMA is non-hazardous although protective clothing such as goggles, overalls and gloves is recommended to prevent any effect from prolonged skin contact, inhalation or ingestion. In the event of skin contact, wash with soap and water. Seek medical advice if irritation or pain occurs. In the event of eye contact, irrigate with plenty of clean water and seek immediate medical advice. In the event of ingestion, do not induce vomiting. Seek immediate medical advice.

### Shelf Life and Storage

Shelf life of RonaRoad Permanent Road Repair SMA is 6 months from date of manufacture. Store materials in clean, dry, frost free warehouse conditions between 5°C and 25°C out of direct heat and sunlight.

### Site Attendance

When on site Ronacrete representatives are able, if asked, to give a general indication of the correct method of installing a Ronacrete product. It is important to bear in mind that Ronacrete Ltd is a manufacturer and not an application contractor and it is therefore the responsibility of the contractor and his employer to ensure he is aware of and implements the correct practices and procedures to ensure the correct installation of the product and that liability for its correct installation lies with the contractor and not with Ronacrete Ltd.

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Table 1. RonaRoad Permanent Road Repair SMA	
Minimum repair depth	30mm
Maximum repair depth per layer	50mm
Maximum overall repair depth	100mm
Minimum application temperature	Material must have sufficient workability for good compaction
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Packaging	25kg plastic pail
Material estimating	per m <sup>2</sup> @ 30mm, 3 x 25kg packs per m <sup>2</sup> @ 100mm, 10 x 25kg packs

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The information detailed in this leaflet is liable to modification from time to time in the light of experience and of normal product application, and before using, customers are advised to check with Ronacrete Ltd, quoting the reference number, that they possess the latest issue. Any person or company using the product without first making further enquiries as to the suitability of the product for the intended use does so at his own risk, and Ronacrete Ltd can accept no responsibility for the performance of the product, or for any loss or damage arising out of such use.



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