

RonaRoad GreenPatch Pothole Repair

Eco Friendly Instant Permanent Pothole Repair

Specification Clause

The permanent road repair shall be RonaRoad GreenPatch Pothole Repair by Ronacrete Ltd, tel. +44 (0) 1279 638700. All materials to be applied in accordance with manufacturers instructions.

Description

RonaRoad GreenPatch Pothole Repair is an environmentally friendly cold asphalt repair for potholes in roads. RonaRoad GreenPatch Pothole Repair is an efficient, affordable, durable, and permanent material designed to repair asphalt failure and for general maintenance. Use to repair potholes, cracks and broken surfaces in macadam and asphalt without the need of cutting out.

It is supplied and applied cold, it needs no mixing. Simply pour from the container, compact and traffic. It can be applied to dry, damp and wet surfaces in the temperature range -25°C to +50°C and trafficked immediately.

Uses

- Instant pothole repairs on roads, motorways, bridges, pavements
- Permanent, easy and environmentally friendly repairs
- All weather repairs - dry, wet, cold, hot

Application Preparation

All surfaces should be clean and free from grease, dirt and any friable or deleterious material. Cut out all unsound carriageway to a minimum depth of 30mm. The surrounding area should be square cut to leave a clean repair area. Brush away all debris.

Mixing

No mixing is required.

Installation

Place RonaRoad GreenPatch Pothole Repair into the hole and over-fill. Do not feather edge. Compact to road level using a hand tamper, compactor or roller. For large areas and deep sections use a vibrating plate or roller, slightly wetting the drum with water. For deep repairs place multiple layers of 40mm and compact thoroughly until the desired level is reached. The repair can be immediately trafficked.

The minimum application thickness of RonaRoad GreenPatch Pothole Repair is 30mm. Areas in excess of 40mm should be built up in even layers.

Curing/Strength Gain

RonaRoad GreenPatch Pothole Repair will remain workable for several hours after application. Curing is by both compaction and air drying and is dependent upon temperature and the weight and volume of traffic. However, during the curing process the materials will not be subject to deformation or pick up from vehicles.

Packaging

RonaRoad GreenPatch Pothole Repair is supplied in 22.7kg bags.

Shelf Life And Storage

Store bags unopened between 5°C and 25°C in dry warehouse conditions and out of direct sunlight. The shelf life of unopened bags is up to 12 months. Part-used containers should be tightly sealed. Shelf life of opened bags is approximately 6 months. A crust may develop on the exposed RonaRoad GreenPatch. This can simply be mixed into fresh material prior to use.

Health And Safety

RonaRoad GreenPatch Pothole Repair non-hazardous although protective clothing such as goggles, overalls and gloves is recommended to prevent any effect from prolonged skin contact, inhalation or ingestion. Refer to Health and Safety Data Sheet.

Guarantee

Ronacrete products are guaranteed fit for purpose and of merchantable quality. Materials are supplied subject to our standard Terms and Conditions of Sale, available on request.

Benefits

- Instant pothole repairs - permanent first time reinstatement wearing course
- Environmentally friendly - safe, zero VOC biodegradable softeners
- No petroleum cutback solvents - dramatically improved durability
- Traffic immediately after laying without damage
- No benzene, toluene, kerosene, naphthalene or diesel solvents
- Contains up to 25% RAP (recycled asphalt products)
- Long shelf life; up to 12 months
- Open to car and lorry traffic immediately after application
- Can be used below freezing and down to -25°C

Project references include:

County and Local Authority Highways
 Hong Kong Highways
 Guangdong Provincial Highways
 New York Highways Authority
 Essex Police

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.

Technical Service and Support

Refer to full technical data sheet; this document is a summary only. Ronacrete provide free technical advice and support during design and installation of all systems for flooring, concrete repair, bonding, bedding and waterproofing. If you need any further information or a full technical data sheet contact the Ronacrete Technical Department on +44 (0) 1279 638 700.

Technical Data at 20°C

Note: All yields shown are approximate and depend on compaction method.

Minimum application thickness	30mm per layer
Substrate requirements	Sound. May be dry, damp or wet, even water filled
Compaction method	Hand or machine
Yield per cubic metre (depending on compaction)	69-78 packs per m ³ approx
Coverage per pack (depending on compaction)	0.42m ² –0.5m ² @ 30mm
Density (depending on compaction)	1,500–1,750kg per m ³
Yield per pack (approx)	12.7–14.5 litres per 22.7kg pack
Pack Size	22.7kg bags