

Ronadeck Tree Pit

UV stable resin bound porous surround tree pit system

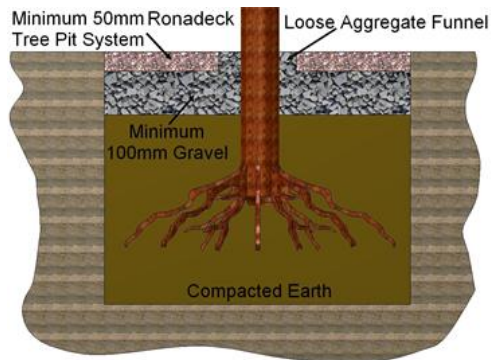


Description

Ronadeck Tree Pit System is a UV Stable, clean, natural aggregate finish surround for planted trees in public and private areas. An alternative to traditionally costly metal grilles, the Ronadeck Tree Pit System surrounds the tree in a solid yet flexible construction which prevents a build up of litter and removes a storage or hiding place for hazardous and unsavoury items. The Ronadeck Tree Pit System natural stone aggregate is porous, allowing water to permeate and the tree to feed and grow, and suitable for foot and occasional light vehicle traffic.

Uses

- Attractive natural aggregate appearance
- Highly porous allowing tree to feed
- UV stable non yellowing resin
- Recycled aggregates available
- Anti-slip surface dressing increases safety
- Unaffected by water
- Eliminates glass, needle, hazardous materials and dog waste



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Benefits

- Resin bound aggregate surround for trees
- Permeable semi-flexible paving for planted areas
- For internal and external use
- Decorative arboricultural landscaping
- Alternative to loose soil and metal gratings

Key Performance Indicators

- Highly water permeable; 50 l/m²/min
- Fast curing; accepts foot traffic after 4 hours
- Resin is non-yellowing; light stable after 2000 hours
- Can achieve high slip resistance; SRV 65 (wet), 70 (dry)

Project references include:

Bellway Homes
London Borough of Hackney
Essex County Council
Swansea Developments

Specification Clause

The tree pit system shall be Ronadeck Tree Pit System by Ronacrete Ltd, telephone +44 (0) 1279 638 700 with _____ (specify name of aggregate). Apply Ronadeck Tree Pit Fine Aggregate to the surface to increase slip resistance. All to be applied in accordance with manufacturer's instructions.

Application**Preparation**

Where required, form a bonded perimeter to create a permanent and secure edging. Create a clean, sound and dry base with a minimum depth of 150mm.

Lay and level 100mm of loose gravel, approximate size 5-25mm.

Form a rising funnel of aggregate around the tree trunk such that the top of the loose aggregate is 15mm below the intended top of the Ronadeck Tree Pit System.

Mixing

Mix the two components (Part A and Part B) together using a drill and paddle.

Pour aggregate into a forced action mixer and pour the mixed resin over the top.

Installation

Place onto the prepared surface, compact, level and smooth. Avoid excessive compaction as this will reduce porosity. Leave sufficient space around the trunk to allow for movement and growth.

Finish the surface with a wood float.

Slip Resistance

Immediately, evenly cast Ronadeck Tree Pit Anti-Slip Aggregate onto the wet surface at approximately 0.1kg/m² to achieve greater slip resistance.

Curing

Allow to cure. At 20°C protect from rain for 1 – 2 hours. Foot traffic / light vehicle traffic after 4 hours /1-2 days at 20°C.

Packaging

Ronadeck Tree Pit Resin is supplied in 1.5kg and 6kg units comprising components A and B.

Ronadeck Tree Pit Aggregate is supplied in 25kg bags.

Ronadeck Tree Pit Fine Aggregate is supplied in 5kg bags.

Shelf Life And Storage

Shelf life of Ronadeck Tree Pit Resin is 6 months, aggregates unlimited. Store materials in clean, dry, frost free warehouse conditions between 5°C and 25°C. Protect from sunlight.

Health And Safety

Ronadeck Tree Pit Resin is harmful by ingestion and skin contact. It is not considered harmful for transportation. 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.

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.

Other Products in the Hard Landscaping Range

Ronadeck Resin Bonded Surfacing
Ronadeck Resin Bonded Scratch Coat
Ronadeck Resin Bonded Pore Filler
Ronadeck Resin Bound Surfacing

Technical Data

Mix Ratio	1.5kg resin : 25kg aggregate (typical)
Yield	0.33m ² @ 50mm
Pot Life	15-20 minutes
Anti-slip Aggregate	0.1kg per m ²
Permeability	50 litres water /m ² /min
Foot Traffic	After 4 hours cure @ 20°C

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. Additional details on the Insurance Backed Warranty can be provided by our Technical Department.

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.

 **Ronacrete**
A world class company

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Disclaimer

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. All data shown are typical laboratory results achieved in ideal conditions; site results may differ.
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More Information

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