

Ronadeck Tree Pit System

Resin bound porous surround tree pit system



Description

Ronadeck Tree Pit System is a clean, natural aggregate finish surround for planted trees in public and private areas. Surrounding the tree in a solid yet flexible construction allows the tree to grow, prevents a build up of litter and removes a storage or hiding place for hazardous and unsavoury items.

Uses

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

Benefits

- Attractive natural aggregate appearance
- Highly porous allowing tree to feed
- Slip resistant finish can be achieved
- Reduces litter and mess
- Unaffected by water
- Eliminates glass, needle, hazardous and dog waste

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
WT Burden
ESF
Swansea Developments

More information

Ronacrete Technical Support: +44 (0) 1279 638700
Web: www.ronacrete.co.uk
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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.

Technical Data

Mix ratio	1.5kg resin : 25kg aggregate
Yield	0.33m ² @ 50mm
Anti-slip aggregate	0.1kg per m ²
Pot life	15 – 20 minutes
Permeability	50 litres water /m ² /min
Foot traffic	after 4 hours cure

Packaging

Ronadeck Tree Pit Resin UV is supplied in 1.5kg kits comprising components A and B. Ronadeck Tree Pit Aggregate is supplied in 25kg bags. Ronadeck Tree Pit Fine Aggregate is supplied in 5kg bags.

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, approx. size 5 – 25 mm. 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 component Ronadeck Tree Pit UV resin with a drill and paddle mixer; mix resin with Ronadeck Tree Pit Aggregate in a forced action mixer.

Placing

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

Cast Ronadeck Tree Pit Fine Aggregate into 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 and traffic after 4 hours.

Shelf Life and Storage

Shelf life of Ronadeck Tree Pit Resin UV 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

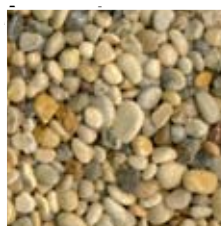
Ronadeck Tree Pit Resin UV is harmful by ingestion and skin contact. It is not considered harmful for transportation. Protective clothing such as goggles, overalls and gloves is recommended to prevent any effect from prolonged skin contact, inhalation or ingestion. Refer to Health and Safety Data Sheet.

Guarantee

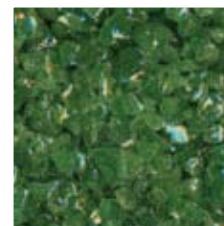
Ronacrete products are guaranteed fit for purpose and of merchantable quality. Materials are supplied subject to our standard terms and conditions of sale. See www.ronacrete.co.uk.

Technical Data

For full technical information refer to the technical data sheets for the product. Support is available from the Ronacrete Technical Department and at www.ronacrete.co.uk.



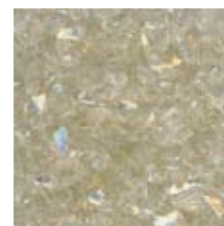
Golden Pea 6-10mm



Recycled Crushed Glass Green 6-12mm



Brittany Bronze 6-10mm



Recycled Crushed Glass Clear 6-9mm



Rhine Gold 6-10mm



Recycled Crushed Glass Dark Blue 6-12mm

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. All materials supplied subject to our terms and conditions of sale; see www.ronacrete.co.uk



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