

RonaDeck Resin Bound Surfacing

Resin bound decorative porous stone surfacing



Description

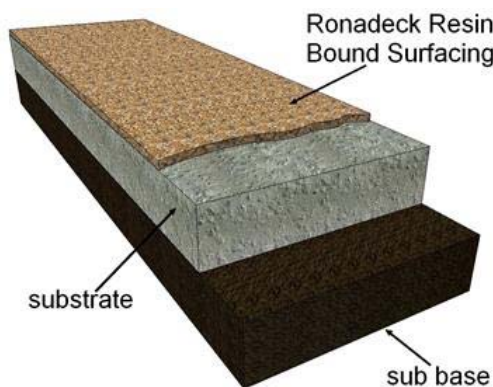
RonaDeck Resin Bound Surfacing is a resin bound aggregate surface for pedestrian and vehicle trafficked surfaces such as paths, walkways, pavements, patio areas, driveways, car park bays, small car parks. RonaDeck Resin Bound Surfacing is functional, highly decorative, can be laid without joints and is slightly flexible. It offers an attractive alternative to concrete, tarmac, block paving and resin bonded aggregate finishes such as RonaDeck Resin Bonded Surfacing.

The open matrix structure allows water to drain through into the substrate, feed any surrounding trees and plants and avoid any change of or damage to the natural water table. This open matrix construction is in line with the requirements of Sustainable Drainage Systems (SuDS), designed to reduce the potential of flooding on new and existing urban developments.

RonaDeck Resin Bound Surfacing must be laid onto a sound stable and solid base such as concrete or tarmac.

Uses

- Decorative natural aggregate surfacing
- Footpaths, walkways, corridors, cycle paths
- Playgrounds, pool and pond surrounds
- Driveways, car park bays
- Showrooms, offices, reception areas, art galleries
- Patios, conservatories, gardens, gazebos



Benefits

- 15 Year Guarantee available
- Attractive natural aggregate appearance
- Highly porous allowing water to drain
- UV stable non yellowing resin
- Recycled aggregates available (SuDS)
- Anti-slip surface dressing increases safety

Key Performance Indicators

- Highly water permeable; 45 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:

National Racecourse
Kingsview Housing Developments
Swansea Developments
Hong Kong Developments
Twickenham Rugby Stadium

Specification Clause

The resin bound decorative aggregate surfacing system shall be RonaDeck Resin Bound Surfacing System by Ronacrete Ltd, telephone +44 (0) 1279 638 700 with _____ (specify name of aggregate).

Application

Preparation

RonaDeck Resin Bound Surfacing must be laid onto a sound structurally stable base which is smooth and flat and capable of receiving the expected traffic, e.g. concrete, tarmac. The substrate should have a minimum fall of 1% to allow for drainage. Where required, form a bonded perimeter to create a permanent and secure edging.

The substrate must be dry.

Mixing

Mix the two component RonaDeck Resin Bound Surfacing Resin with a drill and paddle. Once mixed pour RonaDeck Resin Bound Surfacing Aggregate into a forced action mixer and pour resin over the top. Mix until it is clear all aggregate is covered in resin.

Installation

Place onto the prepared surface, compact, level and smooth. Avoid excessive compaction as this will reduce porosity. Finish the surface with a wood float.

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.

Slip Resistant Surfaces

Immediately, evenly cast RonaDeck Resin Bound Surfacing Anti-Slip Aggregate onto the wet surface at approximately 0.1kg/m² to achieve greater slip resistance.

Packaging

RonaDeck Resin Bound Surfacing resin is supplied in 7.5kg packs.

RonaDeck Resin Bound Surfacing Aggregate blends are supplied in 106.25kg batches.

Shelf Life And Storage

Shelf life of RonaDeck Resin Bound Surfacing 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 Resin Bound Surfacing 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 Tree Pit
 RonaDeck Resin Bonded Scratch Coat PA
 RonaDeck Resin Bonded Pore Filler

Technical Data

Mix Ratio	7.5kg resin : 106.25kg aggregate (typical)
Yield	4.675m ² @ 15mm
Pot Life	15-20 minutes
Anti-slip Aggregate	0.1kg per m ²
Permeability	45 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.



More Information

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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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