

# Ronadeck Resin Bonded Surfacing

( Formerly Ronadeck Fast Grip XP5 )

## Rapid cure decorative aggregate surfacing system



### Description

Ronadeck Resin Bonded Surfacing is a fast curing resin bonded aggregate surfacing system for providing hardwearing slip resistant decorative flooring for foot, vehicle and heavier traffic. It creates the look of natural aggregate without the mess of loose gravel.

Ronadeck Resin Bonded Surfacing can be applied to most substrates and dependent on the type of aggregates cast onto the surface provides superb hardwearing grip and traction for both foot and vehicular traffic, maximising slip resistance and enhancing the appearance.

### Uses

- Suitable for public areas, industrial, commercial, retail and domestic use such as landscaping, factories, car parks, ramps, museums, steps, platforms, footbridges, driveways, patios, roads, cycle paths, indoor markets, platforms, roof gardens, and general public areas.
- Assists in meeting requirements of Disability Discrimination Act 1995
- Can be applied to bituminous, cementitious, metal and timber surfaces.
- Internal and external application

### Benefits

- Fast curing for minimum disruption
- Easy to apply
- Self priming and tolerant to application on cold, damp surfaces
- Wide range of colour and size aggregates available
- Low maintenance can be further enhanced with Ronadeck Resin Bonded Surfacing Seal Coat
- Life expectancy of 10 years in most environments

### Key Performance Indicators

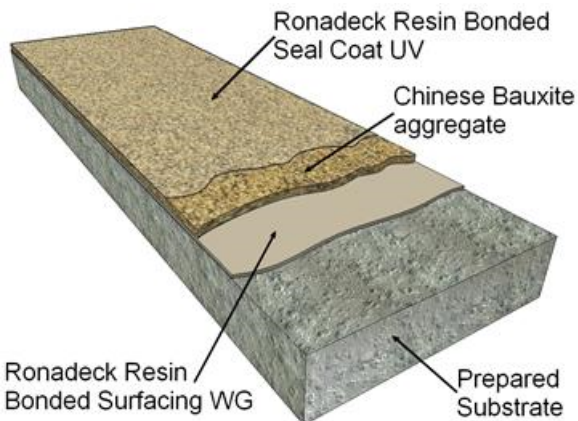
- Fit for traffic after approximately 2 hours
- Easily passes TRL scuffing test for Type 1 surfacing
- Erosion index zero (0 best, 30 worst, pass mark)
- Can achieve high slip resistance;
- Texture index 1.4 (pass mark  $\geq 1.2$ )

### Project references include:

R.N.L.I.  
National Trust  
London Transport  
Natural History Museum  
B.B.C.  
Zoos, Amusement and Theme Parks

### Specification Clause

The resin bonded aggregate system shall be Ronadeck Resin Bonded Surfacing by Ronacrete Ltd, telephone +44 (0) 1279 638 700 with ..... (specify) aggregates applied at .....(specify) kg/m<sup>2</sup>. Apply in accordance with manufacturer's instructions.



**Application**

**Preparation**

Mechanically prepare substrate in accordance with BS8204 Part 3:1993. Provide structurally sound and clean substrate.

**Mixing**

Use a variable speed drill and paddle. Mix component A for one minute then add component B and mix for a further 30 seconds.

**Installation**

Pour mixed material immediately and spread to required thickness. Blind the surface with the chosen aggregate leave for two hours then remove and recycle excess aggregate. Apply Ronadeck Resin Bonded Surfacing Seal Coat if required. Refer to Technical Data and Application Guide for more detailed instructions.

**Packaging**

Ronadeck Resin Bonded Surfacing is available in 9.5kg and 19kg packs.

**Coverage**

It is important to note that coverage rates are based on flat, non-porous surfaces, make no allowance for wastage and are the minimum that should be allowed for. Additional material will be required on surfaces which are either uneven or porous.

**Shelf Life And Storage**

Store in covered areas between 5°C and 25°C. Shelf life is 7 months. Refer to Technical Data Sheets.

**Health And Safety**

Non-hazardous. 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 Winter Grade
- Ronadeck Tree Pit
- Ronadeck Resin Bonded Scratch Coat PA
- Ronadeck Resin Bonded Pore Filler

**Technical Data**

Pot Life	15 minutes
Working time	20 minutes
Traffic Time	Approx. 4 hours

**Typical Coverage Rates**

Medium Aggregate - 0.9-1.4mm

Resin	1.0kg per m <sup>2</sup>
Aggregate	6-7kg per m <sup>2</sup>
Seal Coat (first coat)	3.8m <sup>2</sup> per litre
Seal Coat (second coat)	4m <sup>2</sup> per litre

For coverage rates on all Ronadeck Resin Bonded aggregates please see Technical 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. Additional details on the Insurance Backed Warranty can be provided by our Technical Department.



**More Information**

Ronacrete Technical Support:  
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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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