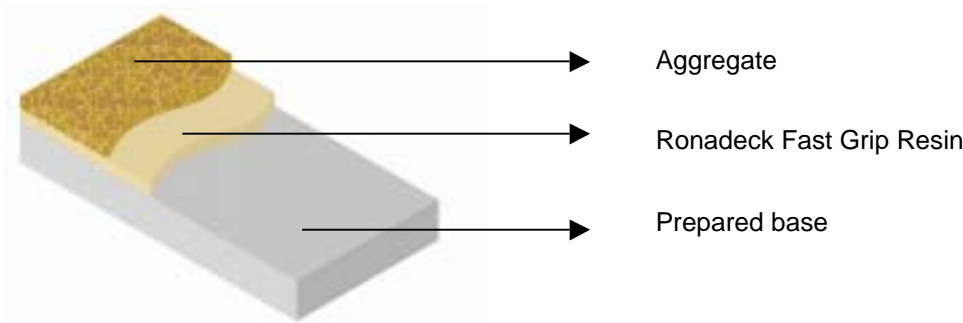


Ronadeck Fast Grip - Application Guide



System Selection

1. Higher traffic areas – Traffic grade aggregate for car park decks and other trafficked areas.
2. Lower traffic areas – Foot grade aggregate for restricted access areas, security areas, low-rise housing, private balconies and terraces.

Note: For locations where a flexible waterproof membrane is required please refer to the Ronadeck Fast Grip WP data sheet and application guide

Surface Preparation

Surfaces should be structurally sound and stable. Asphalt should be well adhered to the surface, well compacted and non-friable. Minor surface damage and indentations should be repaired using a scratch coat consisting of Ronadeck Fast Grip Resin and dry sand in the approximate ratio of 3:1 and left for approximately 2 hours. With large aggregate or open textured asphalt the use of a scratch coat will increase the overall amount of resin required to bind the aggregate compared with the stated coverage rates. Concrete can be repaired using the appropriate grade of Monoset. Surfaces to be treated should be free from oil, grease or other substances that could affect the adhesion of the coating. If surfaces are heavily contaminated, refer to the Ronacrete Technical Department.

- Concrete should be mechanically prepared by vacuum assisted shot blast, grinding or similar means to remove any laitance and provide a key. New concrete must be a minimum of 4 days old.
- Asphalt surfaces should be sound and swept with a stiff broom. Highly polished surfaces should be lightly vacuum blasted or ground to provide a key. New asphalt must be a minimum of 28 days old.
- Mild steel, aluminium or galvanised surfaces should be mechanically prepared to remove contamination and create a key and degreased (Ronabond EP/PU Cleaner is suitable) before priming with Ronadeck Fast Grip Primer at the rate of 8-10 m²/litre. Apply Ronadeck Fast Grip to the primed surface within 24 hours.

Area Demarcation:

- The area to be coated should be edged with masking tape.

Mixing and Application

- Using a variable speed drill and small diameter mixing paddle, mix component A at approx 500 rpm for 1-2 minutes ensuring any settled material is mixed. A larger diameter mixing paddle should be used for the 20kg resin packs. Mixing paddles are available from Ronacrete.
- Add components B and C and continue mixing for a further 30 seconds.
- The mixed material should be poured onto the floor immediately and spread out with a pin rake, roller or notched squeegee to the required thickness (see table 1). *Note that the resin will remain workable for approximately 10 minutes after mixing.*
- Immediately after spreading the resin the surface must be fully blinded with aggregate (see table 2).
- Immediately after the surface has been blinded with aggregate remove the masking tape (if left it will not be able to be removed).
- After approximately 2 hours (temperature dependant) excess aggregate can be swept up or vacuumed and recycled. The area can now either be opened to traffic or finished with Ronadeck Fast Grip Seal Coat

- If required apply 1 or 2 coats of Ronadeck Fast Grip Seal Coat by short nap roller at 3-4 m²/litre (based on foot grade aggregate) allowing 1-24 hours between coats (NB. Do not apply Seal Coat if rain, fog or high humidity is expected during the curing period). The number of seal coats required will depend on the size of aggregate chosen and the nature of the final surface finish required.

After sealing the area can be opened to traffic after approximately 4 hours (temperature dependant).

Table 1 – Resin Coverage

1 kg/m² when using foot grade aggregate

1.8 kg/m² when using traffic grade aggregate

Table 2 – Aggregate Coverage (to ensure blanket cover)

Foot Grade 4-5kg/m²

Traffic Grade 6-8kg/m²

Application Rates

Rates quoted are for guidance only and will depend on aggregate chosen and site conditions. We suggest a trial is carried out to establish accurate coverage.

Cleaning

Ronabond EP/PU Cleaner should be used to clean tools, etc.

Shelf life & Storage

Ronadeck Fast Grip Resin components A and B should be stored unopened in dry conditions between 5°C and 35°C, and component C at between 15°C and 25°C. Protect from frost and direct heat. Shelf life of unopened material is approximately 8 months.

Application Temperature and Weather Conditions

Resin can be applied in temperatures from 3°C - 35°C. The curing time is temperature dependant and the estimated curing times given are based on 20°C.

The product can be covered with heavy gauge polythene during showery weather and work can continue when conditions improve. Work can also commence on damp mornings. Surfaces to be coated with Ronadeck Fast Grip can be damp but should not glisten with freestanding water.

Sweeping/Vacuuuming

The contractor will only carry out an initial sweep/vacuum on completion of works. Further sweeping/vacuuuming may be required until the initial aggregate shedding has finished, unless a sealer coat has been applied.

Cleaning of the Finished Surface

Mop with warm water and detergent. Wet brush any stubborn dirt as necessary.

The product can also be cleaned by means of cold or warm water pressure wash with detergent. The stand off distance should not be less than 450mm from the surface and pressure should not exceed 3000psi (210 bar). 'Spinning nozzle' and '15° fan' jets are suitable, 'pencil' jets are not. The surface should be rinsed with clean water.

Floor scrubbing machines may be used but they should be the single-head type. Water should not exceed 50°C and only mild detergents should be used.

Ronadeck Fast Grip cannot be steam cleaned.

If specific advice about cleaning is required, please contact the Ronacrete Technical Department.

Health & Safety

It is recommended that goggles, gloves, overalls and barrier cream are used when handling any resin component. Adequate ventilation must be provided. For full details refer to the product health & safety data sheet.

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.