

Ronadeck Fast Grip Seal Coat

Polyurethane sealer for Ronadeck Fast Grip resin bonded aggregate surfacing

FEATURES

- ✓ clear polyurethane coating
- ✓ sealer for Ronadeck Fast Grip
- ✓ improved aggregate retention
- ✓ increased abrasion and frost resistance
- ✓ Improved chemical resistance and ease of cleaning
- ✓ 1 or 2 coat application
- ✓ UV stable grade available
- ✓ ready to use

SPECIFICATION CLAUSES

1. Light stable sealer for Ronadeck Fast Grip LS

The sealer shall be Ronadeck Fast Grip Seal Coat LS by Ronacrete Ltd, telephone +44 (0) 1279 638700. All materials to be applied in accordance with manufacturers instructions.

2. UV stable sealer for Ronadeck Fast Grip UV

The UV stable sealer shall be Ronadeck Fast Grip Seal Coat UV by Ronacrete Ltd, telephone +44 (0) 1279 638700. All materials to be applied in accordance with manufacturers instructions.

SUMMARY APPLICATION PROCEDURE

1. prepare surfaces
2. apply one coat of Ronadeck Fast Grip Seal Coat LS or Seal Coat UV
3. apply second coat if necessary

Description

Ronadeck Fast Grip Seal Coat LS and Seal Coat UV are clear polyurethane sealers suitable for internal and external use. Use to seal, bind and protect Ronadeck Fast Grip surfaces. Used as a two coat seal the following benefits can be achieved:

- improved aggregate retention and weathering resistance
- increased abrasion resistance
- surface is easier to clean
- chemical resistant against a wide range of chemicals and solvents - check with the Ronacrete Technical Department

Selecting LS or UV grade

Both Ronadeck Fast Grip Seal Coat LS and UV can be applied either inside or outside and can be exposed to UV light. However LS will noticeably yellow on continued exposure and differences will be obvious between shaded and unshaded areas. Where yellowing is not acceptable the UV grade should be selected.

Advantages

- simple to use
- apply by brush or roller
- supplied ready to use
- moisture curing

Limitations of use

- apply to dry surfaces only
- flammable - do not use near naked flame
- protect from rain and adverse weather until fully cured

Surface Preparation

Thoroughly clean all surfaces to remove loose material, dirt, dust, grime etc. Remove any standing water to leave the surface as dry as possible. Any moss, algae or fungal growth should be treated with Ronabond Fongimousse Plus followed by hosing, stiff brushing and drying.

Application of Ronadeck Fast Grip Seal Coat and Seal Coat UV

1. Apply the first coat of Ronadeck Fast Grip Seal Coat LS or Seal Coat UV using a short nap roller at the appropriate rate (see Table 1). Coverage rate is determined by the size of the applied aggregate and is best determined by practical trial.
2. If applying a single coat only allow to cure for 4 hours then traffic. If applying a second coat allow the first coat to cure for at least 1 hour but not more than 24 hours.
3. Apply the second coat in the same manner as described in 1. above.
4. Allow to cure for 4 hours then traffic
5. Avoid over treating as this will create a surface glaze

Low Temperature Application

To reduce the cure time of Seal Coat in cold conditions add 1% Ronadeck Fast Grip Seal Coat Accelerator. This will reduce the cure time and overcoat/traffic time by 50%.

Coverage

Coverage varies depending on the aggregate on to which the products is applied. More material will be needed on surfaces with a larger aggregate. See Table 1.

Note: The application of Ronadeck Fast Grip Seal Coat will change the appearance of the aggregates and highlight inconsistent application of Ronadeck Fast Grip. Uneven application will create directional shading.

Health and Safety

Do not apply by spray gun or in confined spaces unless wearing appropriate breathing apparatus. Ronadeck Fast Grip Seal Coat LS and UV are flammable - contents have a flashpoint of 28°C. Avoid naked flames. Ronadeck Fast Grip Seal Coat LS and UV are classified as an irritant. Avoid inhalation of fumes and skin or eye contact. Wear overalls, goggles and rubber gloves; use barrier cream and breathing apparatus is required by working conditions. In the event of fire use foam, dry chemical carbon dioxide extinguishers or water fog appliances. Refer to Health and safety data sheet.

First aid

In the event of skin contact wash immediately with soap and water for 15 minutes. Seek medical attention if necessary. For eye contact wash immediately with copious quantities of water. Seek immediate medical advice. If ingested wash mouth thoroughly with water. Induce vomiting. Seek immediate medical advice.

Spillage

Wash small spills away with water; soak large spills with earth or sand. Avoid contact; inform authorities if major spillage occurs.

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Storage

Shelf life is 6 months. Replace lid immediately after use. Once opened use the material within 2 days. Store in a dry place out of direct sunlight at 5-30°C.

Supply

Ronadeck Fast Grip Seal Coat LS and UV are supplied in 5 litre cans and 25 litre drums.

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.

Using Ronadeck Fast Grip Seal Coat Accelerator to speed cure and reduce traffic times

Time to foot traffic and to apply subsequent coats	LS & UV without accelerator	LS & UV with accelerator
@ 20°C	2 hours	2 hours
@ 15°C	5 hours	3 hours
@ 10°C	8 hours	4 hours

	1st coat (approx)	2nd coat (approx)
Coarse Aggregate	3m ² per litre	5m ² per litre
Medium Aggregate	3.8m ² per litre	4m ² per litre
Fine Aggregate	4m ² per litre	10m ² per litre
Ultra-Fine Aggregate	4m ² per litre	11m ² per litre

	Seal Coat LS	Seal Coat UV
touch dry	5 hours @ 20°C	4 hours at 20°C
re-coatable	Touch dry to 24 hours maximum @ 20°C	Touch dry to 24 hours maximum @ 20°C
90% cure	24 hours @ 20°C	24 hours at 20°C
flash point	32°C	28°C
application	5°C to 25°C	5 to 25°C
shelf life	6 months in unopened containers	6 months in unopened containers

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Notes on use of Accelerator

- Rate of addition is 1% by weight of Seal Coat.
- Accelerator is supplied as a liquid.
- To use, measure accurately and add to Seal Coat. Stir by hand or with a very slow speed drill and paddle for 30 seconds. Do not entrain air or create air bubbles.
- Add immediately before use.

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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.



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