

# RonaBond Joltec Anti-Graffiti

## Two Component, Water Based Polyurethane Anti-graffiti Coating System

### Description

RonaBond Joltec Anti-Graffiti coating system is a non-sacrificial system for permanent protection of surfaces against graffiti and other surface staining.

### Characteristics

- High resistance to graffiti
- Retained performance after repeated cleaning
- microporous
- Semi-matt or gloss finishes available
- Water based for reduced odour and compatibility with solvent sensitive surfaces
- Low VOC— maximum 12g/litre, EU threshold 140g/litre
- Excellent adhesion
- High chemical and mechanical resistance
- UV stability prevents yellowing
- Semi-matt finish reduces alteration to appearance of decorative coatings

The anti-graffiti system may be applied to interior and exterior surfaces on to new or old substrates allowing the appearance of the substrate to be retained.

It offers durable protection against graffiti, atmospheric dirt and other staining. Typical applications include public buildings, car parks, lifts, underpasses, walkways etc. It is especially recommend where frequent cleaning of graffiti is likely.

### Components

The RonaBond Joltec Anti-Graffiti system comprises:

- 1 coat RonaBond Joltec Anti-Graffiti Primer
- 2 coats RonaBond Joltec Anti-Graffiti Varnish

### Substrates

RonaBond Joltec Anti-Graffiti can be applied to most building surfaces including concrete, cement render, bricks, resin mortars, or soundly adhered coatings.

It is essential to check the soundness of the surfaces for proposed treatment. On each surface a prior test area is recommended to determine the required system and coverage of products. Check sensitivity of the surfaces to be treated to judge the results. In case of any doubt consult the Ronacrete Technical Department.

### Primer

RonaBond Joltec Anti-Graffiti Primer is a water based sealer for application to porous substrates such as concrete or render, it is not required for application to sound painted surfaces. It is used to even out absorption of porous surfaces and allow even and uniform coats of protective varnish to be applied.

### Varnish

RonaBond Joltec Anti-Graffiti Varnish is a non-sacrificial clear gloss or semi-matt varnish. It is a non-yellowing, two component water based polyurethane. It forms a hard durable surface for mechanical and chemical resistance, high resistance to graffiti and dirt retention.

RonaBond Joltec Anti-Graffiti Varnish facilitates the removal of graffiti with special cleaners and prevents the graffiti from affecting the substrate.

### RonaBond Joltec Anti-Graffiti Liquid Cleaner

RonaBond Joltec Anti-Graffiti Liquid Cleaner is a low odour liquid cleaner applied by cloth, brush or hand spray. Surfaces should be washed with water, preferably warm, immediately after cleaning. Container may become pressurised, open with care.

### INSTRUCTIONS FOR USE

#### Surface Preparation

Surfaces must be sound and clean. Remove all marks, graffiti, release aids, efflorescence, residual dust and all dirt. New concrete, render, etc must be allowed 28 days curing before treatment. Prepare old surfaces by pressure washing, alkaline wash, brushing, mechanical abrading. Remove all surface imperfections, projections and blowholes. Remove surface biological growth with a suitable fungicidal wash.

If substrate repairs are necessary, use a suitable polymer modified mortar eg. Ronafix, RonaBond Concrete Repair Mortar, RonaBond HB40 allowing a drying time

of one week before treatment. Ensure new paints and coatings are at least 3 days old before application of anti-graffiti protection. The substrate must be dry and relative humidity must be below 80%.

### Priming

RonaBond Joltec Anti-Graffiti Primer is not necessary on non-porous surfaces. It must be applied to concrete, render, fairing or levelling coats, certain types of plaster (polymetazate) and on all porous mineral surfaces.

### APPLICATION OF THE SYSTEM

One or more coats of primer as required, followed after 24 hours drying by two coat of varnish.

Dampen very porous surfaces with clean water before applying Primer by brush or roller. The primer must be well agitated before use.

Thoroughly mix the two components of the Varnish immediately before use with a suitable slow speed drill and paddle. Varnish may be diluted with up to 5% clean water.

Usable life is up to 2 hours depending on temperature, do not use after 2 hours.

Apply to the dry substrate by short haired roller, large brush or spray gun. Apply uniformly and evenly ensuring regular and complete coverage of each coat. The varnish is touch dry after approximately 30 minutes @ 20°C and may be overcoated after approximately 1 hour @ 20°C .

Do not apply varnish when rain, mist or fog or high humidity is anticipated within 2 hours of completion.

Apply only at temperatures between 8°C and 35°C and at RH less than 80%.

### Curing

Full cure is achieved after 3 days @ 20°C

### Tool Cleaning

Clean tools and equipment with water immediately with use.

### 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.

### Exterior Applications

Do not apply below DPC level or where excessive moisture in the construction may affect the system.

### Coverage

Typical coverage rates for materials are:

RonaBond Joltec Anti-Graffiti Primer	6-8m <sup>2</sup> per litre
RonaBond Joltec Anti-Graffiti Varnish	10-12m <sup>2</sup> per litre

Note that coverage rates will vary according to substrate type, surface profile, porosity and method of application. The recommended coverage rates must be observed. On very porous substrates several primer coats may be required.

### Removal of Graffiti

This should be done as soon as possible after graffiti has been observed. Apply RonaBond Joltec Anti-Graffiti Liquid Cleaner generously over the graffiti, by brush or spray and rub in with a cloth or brush. Immediately rinse with clean water. Repeat this operation if necessary after the complete drying of surfaces.

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## Finishes

RonaBond Joltec Anti-Graffiti Varnish is available as a clear gloss or semi matt finish.

## Packaging

RonaBond Joltec Anti-Graffiti Primer	4 & 16 litre
RonaBond Joltec Anti-Graffiti Varnish	4 & 10 litre
RonaBond Joltec Anti-Graffiti Liquid Cleaner	5 litre

## Storage

12 months in original unopened packs. Seal well for use. Store in cool, dry, frost free and well ventilated conditions.

## Health and Safety

Water based, see safety data.

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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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