

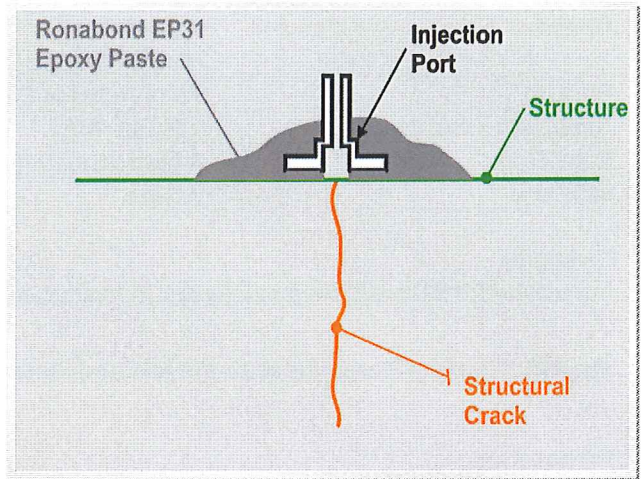
## Ronabond EP 31

### Structural Epoxy Adhesive

#### Description

Ronabond EP 31 is a two component, non sag multipurpose structural adhesive. Ronabond EP 31 epoxy paste is suitable for a variety of uses including bonding concrete, stone, injection ports and sealing cracks.

Ronabond EP 31 has a creamy texture, is easy to work with and has excellent mechanical properties with high compressive, flexural, and tensile strengths.



#### Uses

- ☒ General purpose structural adhesive
- ☒ Bonding segmented pipes and panels
- ☒ Sealing cracks
- ☒ Rock bolts and anchors
- ☒ Starter bars and dowels

#### Advantages

- ☒ Simple 2 : 1 mix ratio by either weight or volume
- ☒ Long pot life
- ☒ High mechanical strength
- ☒ Thixotropic non-sag paste



## Specification Clause

The Structural Epoxy Adhesive shall be Ronabond EP 31 by Ronacrete (Far East) Limited, tel. (852) 2865 5872. All materials to be applied strictly in accordance with manufacturer's instructions.

### Technical Data @ 25°C

Colour	Yellowish
Viscosity	Part A : 45000 – 50000 MPa.S Part B : 50000 – 55000 MPa.S
Density	Part A : 1.06 Part B : 0.96
Pot Life	75 minutes at 25°C
Application Temp.	15°C to 40°C
Cure Time	4 hours touch dry at 25°C
Full Cure	7 days

### Packaging

Ronabond EP 31 is supplied in 6 kg set (4 kg Part A & 2 kg part B) or 30 kg set (20 kg Part A & 10 kg Part B)

## Application (\*Please Refer to the Method Statement and MSDS)

### Preparation

Ensure both surfaces are as clean and dry as possible. Use acetone to remove all traces of grease, oil and dirt. Do not use alcohol, petrol or paint thinners to clean surfaces.

Optimum final strength is obtained by mechanical abrading or etching of both surfaces. Always repeat solvent wash after any mechanical abrading.

Mix A and B components 2:1 by volume or weight until a consistent colour is obtained. Note that final cured strength will be adversely effected if components are mixed in any other ratio. In extreme cases Ronabond EP 31 may fail to set up.

### Clean Up

Use either warm water and detergent or acetone to clean tools and small spills. Consult Material Safety Data Sheet for large spill clean up procedure.

### Safety

- Avoid contact with skin & eyes.
- Wear safety glasses, gloves and overalls.
- Avoid inhaling vapours.
- Read the Health & Safety data sheet before use.

### Storage

- Store at between 10°C and 40°C.
- Keep containers closed when not in use.
- Stir well before use.
- Shelf life at least 12 months in unopened containers.

### Technical Service and Support

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 including method statement or additional technical data sheet, contact the Ronacrete Technical Department on (852) 2866 4365 or visit our web site [www.ronacrete.com.hk](http://www.ronacrete.com.hk).

### Guarantee

Ronacrete products are guaranteed fit for purpose and of merchantable quality.

RFE-DS287 Issue 1 25.11.2015

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