



KISEPO 21

Stone Binding Epoxy Resins

DESCRIPTION

KISEPO 21 is a two component, high solids, self-flow epoxy adhesive used for binding stones, decorative pebbles and other aggregates in all types of flooring applications. KISEPO 21 will cure to a hard, transparent and chemical - and water-resistant layer.

RECOMMENDED USE

- Balconies
- Bathrooms
- Corridor
- Patio
- Pavement
- Water features

ADVANTAGES

- Allow medium-heavy foot traffic after cured
- Excellent adhesion to many substrates – concrete, wood, metal, tiled surface etc.
- High-strength
- Low viscosity to allow penetration between aggregates that are pre-laid in position
- Non-toxic when cured
- Transparent and presents aesthetic appearance when used with decorative aggregates

PACKAGING

KISEPO 21 is supplied in 5 kg set

Part A = 3.4 kg, Part B = 1.6 kg

APPLICATION GUIDELINES

a) Surface and Aggregates Preparation

As with any epoxy resin system, surface preparation is critical. Concrete or other surfaces to which this product is to be applied should be cleaned by compressed air or water jet. Surface must be dried before the application of KISEPO 21 is carried out. Similarly, the aggregates to be bind must be dry prior to the start of work.

b) Mixing

Mixing aggregate together with material

Mix using clean containers, pour KISEPO 21 into a container of mix ratio of 2 parts of Part A (by volume) to 1 part of Part B (by volume). Mix for 2 – 3 minutes constantly using low speed paddle mixer until a homogenous mixture is achieved. Let the mixture to stand for a further 2 – 3 minutes before adding the aggregates into the mix. Mix the resin and aggregates again to ensure a full coating is achieved.

REV. TDS-21-V2

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KENSETSU INTERNATIONAL (S) PTE LTD



Applying directly onto surface

Mix using clean containers, pour KISEPO 21 into a container of mix ratio of 2 parts of Part A (by volume) to 1 part of Part B (by volume). Mix for 2 – 3 minutes constantly using low speed paddle mixer until a homogenous mixture is achieved. Let the mixture to stand for a further 2 – 3 minutes before pouring the mixture onto surface.

c) Application

Trowel and spread the mixed KISEPO 21 over intended area. For pouring onto pre-laid aggregates, carefully pour KISEPO 21 onto the aggregates and with minimal spreading. Levelling may be required to obtain a smooth surface.

d) Cleaning

All tools and equipment should be cleaned immediately after use with a suitable solvent or KISEPO Cleaner.

LIMITATION

KISEPO 21 must be used within the recommended pot life.

STORAGE

KISEPO 21 should be stored in tightly sealed original packing at room temperature up to 12 months from date of manufacturing.

COVERAGE

0.8 kg of **KISEPO 21** can cover an area of about 1m² with aggregates or stones of about 10 mm in size.

TECHNICAL PROPERTIES

| KISEPO 21 | | | |
|----------------------------|------------------------|-----------------------|----------------------|
| All at 25°C | Part (A) | Part (B) | Mixture |
| Colour | Clear | Clear | Clear |
| Density | 1.10 g/cm ³ | 1.03/cm ³ | 1.10/cm ³ |
| Mix ratio | 2 Parts (by volume) | 1 Part (by volume) | - |
| Minimum curing temperature | | | 15°C |
| Viscosity | | | 340 mPa.s |
| Pot life (100 gram sample) | | | 195 ~ 230 mins |
| Final cure | | | 7 days |

IMPORTANT NOTES

Any information and/ or specification contained herein is to the best of the company knowledge, true and accurate, it is always recommended that trial to be carried out to confirm suitability of use for all products, as no warranty is given or implied in connection with any recommendations and/ or suggestions made by the company representatives, agents and/ or distributors.

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