



KISEPO 30W

2-Component Underwater Epoxy Resin

DESCRIPTION

KISEPO 30W is a two-component, highly flowable underwater epoxy resin specially designed for cracks injection in the presence of water. It will cure and exhibit excellent adhesion in high moisture, on wet surface, and even in water. KISEPO 30W exhibits extremely high strength when in cured state, thereby restoring structural integrity.

RECOMMENDED USE

- Injections of cracks in dry, damp and wet concrete
- Underwater cracks
- Sealing seawall joints
- Manholes
- Ships and boat parts
- Waste wall and sewer lines
- Concrete repair
- Hollow repair
- Pre-cast members
- Marine structures

ADVANTAGES

- Excellent adhesion
- For underwater usage
- Fast cure
- High-strength
- High modulus
- Low viscosity
- Moisture insensitive
- Non-shirk capability
- Restores structural integrity
- Simple and user friendly

PACKAGING

KISEPO 30W is supplied in 6 kg/set or 30kg/set

Part A = 4.2 kg, Part B = 1.8 kg

Part A = 21 kg, Part B = 9 kg

APPLICATION GUIDELINES

a) Surface Preparation

As with any epoxy resin system, surface preparation is critical. Concrete surfaces or cracked sidewalls to which this product is to be applied should be cleaned by compressed air or water jet to ensure a superior bond.



b) Mixing

Mix using clean containers, pour KISEPO 30W 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 the uniform colour is achieved. All mixture must be used within 20-25 minutes.

c) Application

Inject the mixed KISEPO 30W resin using suitable KST MIGHTY INJECTOR or KST TWIN RUBBER BAND INJECTOR.

Application with piston pumps or similar, capable of maintaining pressure of at least 400 psi, is also acceptable. Injection pump from KST - EHP /EHP RC (with remote control) are recommended for this use.

d) Cleaning

All tools and equipment should be cleaned immediately after use with KISCLEANER GREENTEK or suitable solvent.

LIMITATION

KISEPO 30W must be used within the recommended pot life.

STORAGE

KISEPO 30W should be stored in tightly sealed original packing at room temperature up to 12 months from date of manufacturing.

TECHNICAL PROPERTIES

KISEPO 30W	
Colour	Amber
Density	1.08 kg/ litre
Mix ratio	2:1 (by volume)
Pot life	35~45 min
Gel time	50 min
Full cure	7 days
Compressive strength	> 60 N/mm ²
Tensile strength	> 25N/mm ²
Flexural strength	> 45 N/mm ²

All technical data stated is based on tests carried out under lab conditions at 25°C.

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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