

DEL-090

Two-Component Low Viscosity Dry Epoxy Injection Agent



Product Overview

It is a specialized repair and reinforcement material that is injected to cracks in the various types to keep the initial concrete state by maintaining the best adhesiveness.

Features

To easily inject by crack width, it is divided into the ultra-low viscosity product, the low viscosity product, the mid-viscosity product and the high viscosity product.

To control the curing speed, it is divided into the summer product, the spring and fall product and the winter product. Its curing speed can be controlled by the user's requirement.

When fully hardened after injected, it does not chemically affect the concrete structure and it prevents corrosion on it so highly durable.

Usage

- Crack repair or steel plate reinforcement
- Bird-caged floor (artificial stone or marble) repair and reinforcement
- To be injected by using syringe injectors, injection pumps.

Technical & Physical Data

	DEL090
Mixing Ratio (Base Agent: Curing Agent)	2:1 (Weight Ratio)
Pot Life (25°C)	30-50 min.
Curing Time (25°C)	After 24 hrs.
Viscosity (mPa-s)	210
Specific Gravity	1.18
Injecting Tool	Injector, Grease Gun, Injection pump
Packing Unit	base agent (10kg) : curing agent (5kg)
Theoretical Consumption	Width 0.3mm × Thickness 300mm : 0.15kg/m (Differ according to site condition)

DEP-009

Two-Component Dry Sealant for Crack and Steel Plate Reinforcement)



Product Overview

It is a typical high strength epoxy sealant for concrete structure repair and reinforcement. It is used on the crack sealing for the epoxy injection work, the steel plate reinforcement sealing and the syringe injector pedestal mounting and other multiple sealing works. And, it is highly adhesive to concrete and highly impact resistant.

Features

DEP009, with its outstanding property, is excellently adhesive to a wide variety of materials such as concrete, metal, cement and mortar.

Since it does not run down, it is highly workable on the vertical surface and the ceiling.

When fully hardened, it does not chemically affect the steel reinforcement in the structure or the concrete structure. After hardened, it is free of internal stress so to maintain the stably adhesive structure.

Compared to the cement mortar or the concrete, it exhibits outstanding mechanical strength in every aspect such as compressive strength, the flexural rigidity and the tensile strength.

Usage

Crack sealing for crack repair, pedestal mounting and steel plate reinforcement sealing

Technical & Physical Data

	DEP009
Mixing Ratio (Base Agent: Curing Agent)	1:1 (Weight Ratio)
Pot Life (25°C)	30-50 min.
Curing Time (25°C)	After 24 hrs.
Viscosity (mPa-s)	Paste
Specific Gravity	1.74
Packing Unit	base agent (10kg) : curing agent (10kg)
Theoretical Consumption	Crack Width 0.3mm : 0.2kg/1m (Differ according to site condition)