

DEP-009(Epoxy putty)

Product Data Sheet

Features

DEP-009, 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.

Technical & Physical Data

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
Tensile Strength	21.2 N / mm ² (KS F 4923)
Compressive strength	53 N / mm ² (KS M 3015)
Adherence strength	6.8 N / mm ² (KS F 4923)
Packing unit	Base agent (10kg) : Curing Agent (10kg)
Theoretical Consumption	Crack width 0.3mm : 0.2kg/1m (Differ according to site condition)

Description

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.

Uses

- Crack sealing for crack repair
- Pedestal mounting and steel plate reinforcement sealing

