



Automatic Low-Pressure Injection Method

Geopolymer

Micro Capsule GP Method

Low-Carbon Inorganic Low-Pressure Injection Method

Features

Common Features



Low Odor

Contains no volatile organic compounds (VOCs).



Low Carbon (Environmental)

Reduces environmental impact by using injection made from industrial by-products.



Environmentally Friendly

The injection device is reusable.



Shorter Construction Time

Provides sufficient working time even in summer, while rapid hardening allows same-day removal.

Standard Types Features



One Type

Viscosity variation is small from low to high temperatures, enabling installation with a single type.



Suitable for Both Dry and Wet Cracks

Provides high adhesion even on damp cracks and does not require water permeation on dry cracks.



High Safety

Unlike epoxy systems, it does not generate significant heat and is non-flammable.



Stable Injectioning

Pre-portioned packages eliminate the need for weighing and simplify on-site management.



Fine Crack Filling

High flowability enables filling of fine cracks.

Low-Temperature Type Features



Cold-Weather Application

Maintains flowability even at -5°C , enabling use in cold regions and during severe winter periods.



Standard Method: Crack Injection Procedure

- 1 Surface Preparation
- 2 Determine Injection Port Locations
- 3 Install Bases
- 4 Crack Sealing
- 5 Prepare Injection Material (GP-396)
- 6 Start Injection
- 7 Confirm Injection Status
- 8 Complete Injection
- 9 Curing
- 10 Removal
- 11 Finishing and Cleaning
- 12 Completion



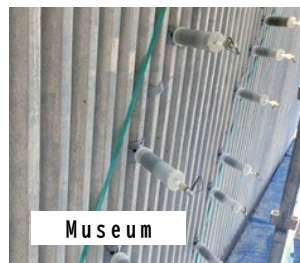
Injection Performance Comparison Video



Emergency Center



Water Treatment Plant



Museum



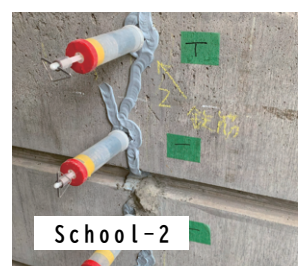
Apartment Building-1



Apartment Building-2



School-1



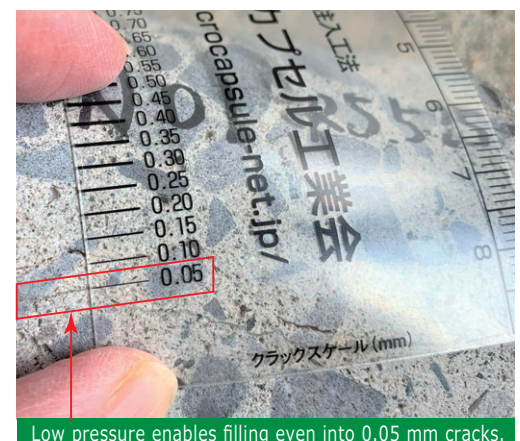
School-2



School-3



Injection Depth: 145 mm



Low pressure enables filling even into 0.05 mm cracks.