

INJECTION CAPSULE

DELIVERY RANGE

Injection Capsule specialized to low pressure injection construction system, can inject epoxy to small cracks at large space simultaneously. During injection, you can check how much chemical is being injected by graduation of Injection Capsule . Is's one of the most popular systems of crack repair.

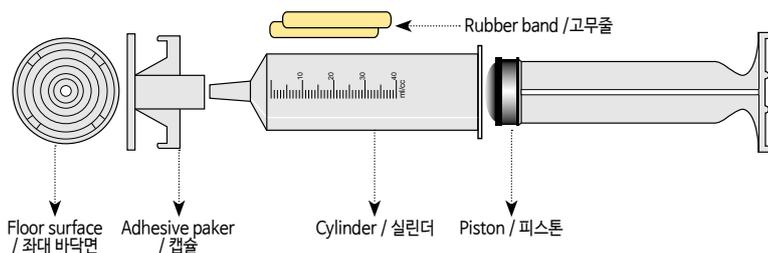


TECHNICAL DATE

Capsule capacity	40 cc
Bench diameter	Ø49
Max pressure	2.5 kgf/cm ²
Max length	210 mm
Min length	145 mm
Weight	35.7 g
Surface adhesive strength	38 kgf

DESCRIPTION

- EPOXY RESIN



COMPONENT CAPSULE

SINGLE-LINE PUMP

DOUBLE-LINE PUMP

ACRYLIC RESIN PUMP

PACKER

CHEMICAL

● CAPSULE



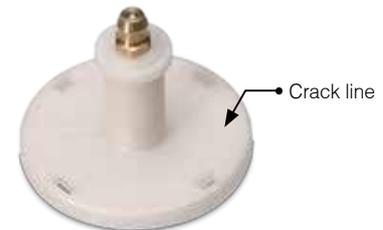
Variant	Unit	No
Capsule capacity 40CC	indv	70040

● ADHESIVE PACKER



Variant	Unit	No
Banch diameter Ø49	indv	70049

● ADHESIVE PACKER



Variant	Unit	No
Banch diameter Ø49	indv	70050

◆ ADVANTAGE/INFORMATION

- Height 38mm
- Head Nipple M6

● KLEBFIX

- Tool to hold adhesive packer to apply the adhesive (Insulating material, e.g. PUR adhesive or EP adhesive)



Variant	Unit	No
	indv	70100

◆ ADVANTAGE/INFORMATION

- The exactly required amount of adhesive (Insulating material, approx. 6g) is applied on the adherene
- Access to the crack is maintained

● ALUMINIUM ADHESIVE PACKER

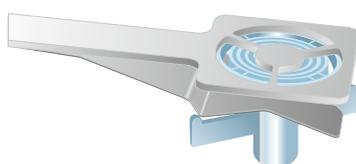


Variant	Unit	No
Adherend 40x45mm	100	70051

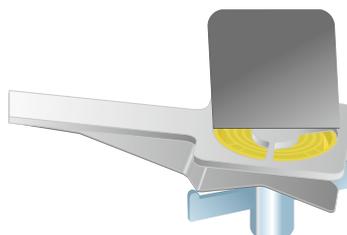
◆ ADVANTAGE/INFORMATION

- Height 24mm
- Head Nipple M6

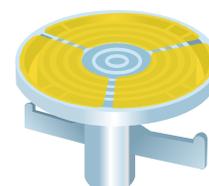
DESCRIPTION "KLEBFIX"



- Insert adhesive packer in "Klebfix"

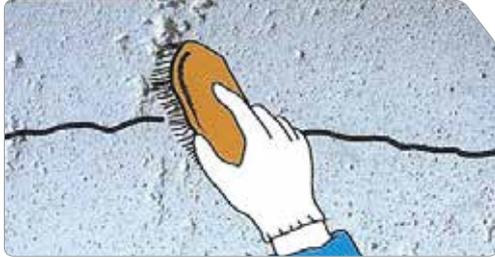


- Apply adhesive(sealing material)



- Adhesive surface is prepared, access to crack is maintained

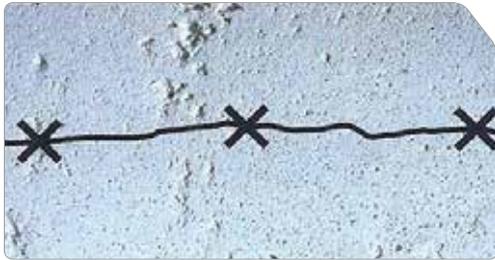
INJECTION CAPSULE SYSTEM



◆ INSPECTION OF CRACKS AND SURFACE TREATMENT

Work process should be determined by checking in advance the condition, width, depth of cracks.

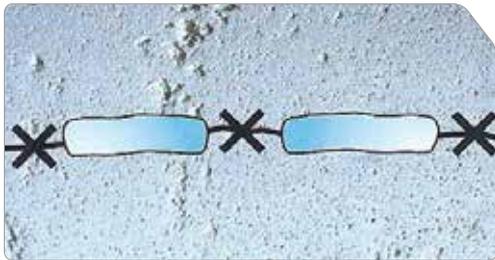
Remove dust or dirt from the area to be sealed with a wire brush and remove dirt from the surface by using a detergent like soap or thinner if any oily substance still remains



◆ DETERMINE THE AREA WHERE TO PLACE ADHESIVE PAKER

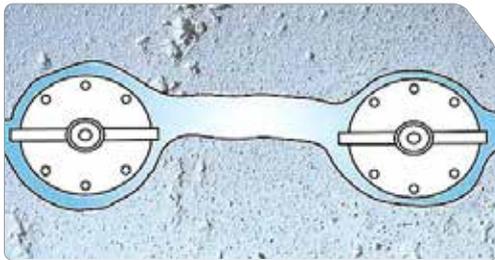
The adhesive paker should be placed in an interval of 15cm~20cm depending on the width of cracks.

Usually 20cm is the most appropriate distance between the washers. You should put 5~6 washers for the repairing of cracks of one meter length.



◆ SEALING OF CRACKS

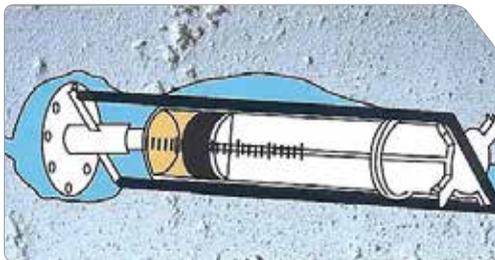
You should seal cracks with epoxy sealing material, 1mm thick and 30mm wide, except for areas where to put the washer to prevent the injected epoxy from leaking. If sealing is not properly done on cracks, loss of epoxy resin can occur due to the damage of sealing when injection device is installed. Therefore, you should pay special attention while you work.



◆ SETTING THE ADHESIVE PAKER

You should set the adhesive paker with epoxy sealing material on the places make in advance.

Stop the work until the sealing material is completely hardened. (It takes about 24 hours at the normal temperature of 25°C)



◆ INJECTION OF EPOXY

Fill the syringe injector with 30cc of epoxy grouting material and connect rubber bands with the washers. Place all the syringe injectors on the washers in the same way.

when the grouting material of a syringe injector is consumed before tack free, you have to replace the syringe injector promptly with a syringe injector newly charge and continue injection.



◆ FINISHING WORK

After confirming that the grouting material is hardened, remove the syringe injector and washer and grind the surface cleanly with a hand grinder and finish, if necessary, with crack cover material or paint, (You can do the finishing work after about one day in summer, and about two days in winter, which is required for initial hardening)