

# INJECTION PACKERS



Discover  
the power of injection

Code	BC1080	BC10100	BC13100	BC13150	BC13200	BC13250
Length (mm)	80	80	100	150	200	250
Diameter (mm)	10	10	13	13	13	13
Drill Diameter (mm)	11	11	14	14	14	14
Weight (g)	11.3	13.0	23.1	30.8	36.4	43.6
Working Pressure (bar)	100	100	100	100	100	100
Application Range	subways, tunnels, reservoirs, underground structures, hair-like cracks, construction joints, expansion joints, cracks ,site improvements, harbor construction, floor and other upgrading works.					
Sealing agent applied	water base polyurethane, oil base polyurethane, epoxy resin					
Packing (Pcs/Carton)	1500	1000	1000	500	500	500

## Crack Repair

- a. Find crack: For wet surface, first clean water; for dry surface, clean dust. Carefully looking for cracks, using colored pens or chalk mark along the cracks.
- b. Drilling: According to the thickness of concrete structures, from the crack of about 350 ~ 150mm, cross-drilled on both sides along the crack direction. 14mm diameter drill bit used. Holes and cracks in cross-section should be 45 degrees to 70 degrees cross, and the central cross in the bottom 2 / 1 range.

Bury injection packers: buried with tools and fastening to ensure that the

- c. rubber part of the needle and the hole wall are dry before use, otherwise easily lead to slip when tightening.

## Crack Repair

- a. Injection should be started in elevation from bottom to top, when the foam material emerge from the cracks should immediately stop, and start again after a while. In the infusion process, if the material adjacent to the needle position has been filled, you can jump without injection. If found cracks extension in both ends or cracks with cross, should drill holes again, re-grouting
- b. To fill cracks with polyurethane, should grout again before the material become solid.



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