

Description

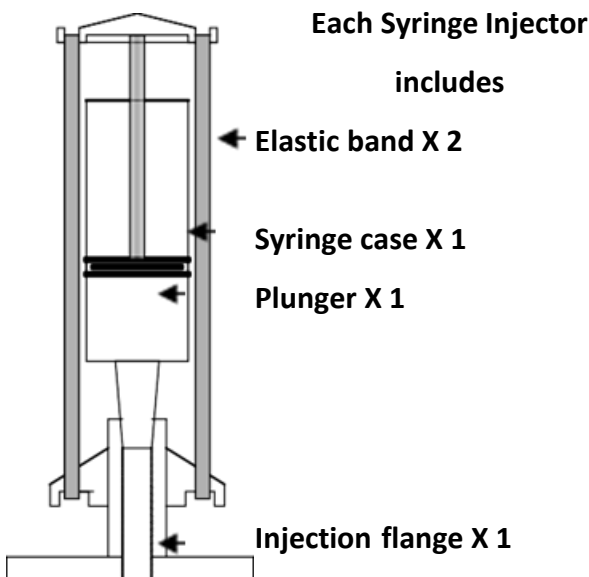
Galaxie Injectors are designed as a delivery system to inject the selected product under constant low pressure in multiple injection ports simultaneously. Galaxie injectors are commonly used for injecting Galaxie SLV or LV injection epoxy under low pressure for structural crack repairs.

Benefits

- Usable with wide range of products
- Faster than cartridge system
- Reduced labour cost
- Constant pressure

General Application

- Crack Injection
- Repair of de-bonded tiles
- Repair of de-bonded render



Technical Data

Size	150mm x 25mm fully extended
Volume	40ml marked
	50ml unmarked
Maximum Pressure	42Psi

Application Guidelines

1. Prepare the mouth of the crack by wire brushing or similar and wiping with a clean rag to remove dust etc.
2. Coat the underside of the injection flange with Galaxie UEP Universal epoxy paste and place over the centre of the crack. Set each injection flange at nominal 100mm to 300mm centres. The narrower the crack the closer the spacing of the injection flanges. A nail can be inserted through the port and the tip used to feel the crack as a guide. Press the flange onto the surface and spread epoxy paste onto the top of the flange to ensure a secure fixing. The capsules will be ready for injection when the epoxy has hardened.
3. Use the same epoxy paste to seal the mouth of the crack between the injection flanges.
4. Mix a small quantity of Galaxie SLV or LV injection epoxy. This can be done in either of two ways: either gauge the material using small containers such as plastic cups or use the syringe. It is important to gauge the resin accurately. Mix the resin thoroughly in a clean container. Draw off the quantity of Galaxie injection resin required by withdrawing the plunger of the syringe with the nozzle below the surface of the resin. Displace the air.
5. Place the syringe into the injection flange and attach the elastic bands (one each side for standard pressure and two for extra pressure)
6. The syringe will now automatically inject the crack. Top the syringes up if required.
7. To confirm travel between flanges the following method can also be used for vertical cracks inject from the lowest point, place the next syringe to the next open flange when resin begins escaping from the flange. This process is repeated to the top of the crack, refilling syringes as they empty. Alternatively on cracks in a floor or horizontal cracks on a wall syringe can be installed in every second flange, when a visible show of resin is present in the open flanges between quickly install another full syringe into that flange. This is repeated along the length of the crack, refill syringes as they empty.
8. Once the resin has set the flanges, syringes and Galaxie UEP can be removed by scraper or grinding equipment to provide a smooth finish. Fairing coat or similar can then be used if improvement of the final aesthetic is required.

Packaging

Galaxie Injectors are supplied in boxes of 100 or large boxes of 500.

Each injector includes 2 rubber bands, a syringe and a flange.

