

## Twin Rubber Band Epoxy Injectors

### DESCRIPTION

Syringe Injector are designed as a delivery system to inject the selected product under constant low pressure in multiple injection ports simultaneously. Syringe injectors are commonly used for injecting TamRez 210 under low pressure for structural crack repairs.

### KEY BENEFITS

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

### TYPICAL APPLICATIONS

- > Crack injection
- > Tiles & toppings

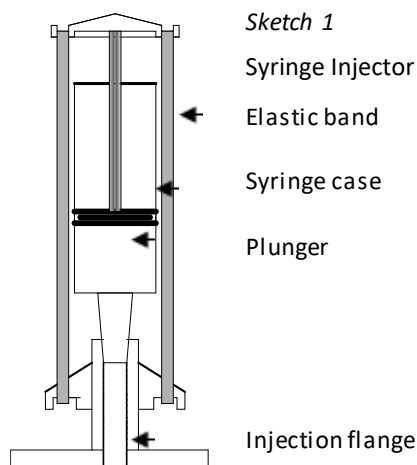
### TECHNICAL DATA

Syringe Injector	
Volume	50 ml
Dimensions	150 mm x 55 mm

### APPLICATION GUIDELINES

- 1.1 Prepare the mouth of the crack by wire brushing or similar and wiping with a clean rag to remove dust etc.
- 1.2 Coat the underside of the injection flange with TamRez 210 Gel / TamRez 310 epoxy paste and place over the centre of the crack. Set each injection flange at nominal 100mm to 300mm centers. 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.
- 1.3 Use the same epoxy paste to seal the mouth of the crack between the injection flanges.
- 1.4 Mix a small quantity of TamRez 210 (or the selected injection product). This can be done in either of two ways: either gauge the material using small containers such as plastic cups or use the syringe part of the Micro Capsule. It is important to gauge the resin accurately. Mix the resin thoroughly in a clean container.

- 1.5 Draw off the quantity of TamRez 210 (or the selected injection product) required by withdrawing the plunger of the syringe with the nozzle below the surface of the resin. Displace the air.
- 1.6 Place the syringe into the injection flange and attach the elastic bands.
- 1.7 The capsules will now automatically inject the crack. Top the syringes up if required.
- 1.8 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.
- 1.9 Once the resin has set the flanges, syringes and epoxy paste (TamRez 310 / 210 Gel) can be removed by scraper or grinding equipment to provide a smooth finish. TamCrete FE or similar can then be used if improvement of the final aesthetic is required.



# Normet Syringe Injector

**normet**

CONSTRUCTION CHEMICALS

TECHNICAL DATA SHEET

Twin Rubber Band Epoxy Injectors

## PACKAGING

Supplied in boxes of 100 or sold individually.

Each unit includes the following:

- > 1 x syringe case with plunger
- > 1 x injection flange
- > 2 x elastic bands

## STORAGE

If stored correctly out of the weather, Syringe Injectors should have an almost indefinite life.

## HEALTH & SAFETY

Syringe Injectors should only be used as directed. Our recommendations for protective equipment should be strictly adhered to for your personal protection.