

FAST PACK PNEUMATIC GUN AND CARTRIDGE INJECTION GUIDE

A Fast & Effective Injection System

Preparation:

1. Clean the surface mechanically or using a wire brush or wheel of all loose particles, remove dust with vacuum clean if possible.
2. Place masking tape on either side of the crack.

Adhesion Packers:

1. When using **adhesion packers** insert nails into the crack and glue the packers over the nails using MC-Fastpack PU solid.
2. Apply the surface sealer MC-Fastpack PU solid to the surface between the masking tape to prevent the injection material from escaping
3. Before the MC-Fastpack PU solid has fully cured remove the nails and the masking tape.
4. Insert the cartridge in the application dispensing gun and discharge the first 10ml of material into your waste bucket. Use the next 20ml as a sample.
5. Open all valves on the packers and start injecting with low pressure from the lowest packer up. Inject all packers in sequence.
6. Ideally the injection material will show on the next packer. Stop injecting on the current packer, close the valve and quickly move on to the next packer until all packers are filled. Reinject all packers within the pot-life of the injection material.
7. Allow for the injection material to fully set and remove the packers and surface sealant with chisel and bolster. Grind off the surface if required.

Hammer Packers:

1. When using **hammer packers** drill the holes for the packers and clean the holes from dust (vacuum clean, air pump or compressed air)
2. Apply the surface sealer MC-Fastpack PU solid to the surface between the masking tape to prevent the injection material from escaping
3. Before the MC-Fastpack, PU solid has fully cured remove the masking tape.
4. Insert the cartridge in the application dispensing gun and discharge the first 10ml of material into your waste bucket. Use the next 20ml as a sample.
5. Insert the first packer in the lowest drill hole and start injecting with low pressure. Inject all packers in sequence.
 - Ideally the injection material will show on the next packer hole. Stop injecting on the current packer, insert a packer in the next hole and move on to the next packer until all packers are filled. Reinject all packers within the pot-life of the injection material.
 - Allow for the injection material to fully set and remove the packers and surface sealant with chisel and bolster. Grind off the surface if required.

Fast Pack Cartridges:

The MC Fast Pack cartridge series offers flexible, paste, and rigid PU, low viscosity epoxy and water stop foam injection options. Follow TDS/SDS for more information and ensure proper industry and acceptable standard for cleaning, surface preparation and application by injection.