

POLY-POXY

2 COMPONENTS EPOXY INJECTION RESIN

METHOD OF STATEMENT OF STRUCTURAL CRACK REPAIR (PRESSURE INJECTION)

Below are the steps on how to carry out pressure injection of POLY-POXY Epoxy resin system to slab soffit crack using electric injection machine.

PROCESS:

1. Locate the crack and drill holes at 10mm/13mm diameter at recommended between approximate 200mm or to 500mm interval depending on the thickness of concrete structure.
2. Make sure that the cracks are free from dust, etc.
3. Insert and tighten the mechanical packers into the drilled holes to prevent from pull-off action when the pressure gets higher.
4. Apply POLY-Epoxy Putty/Gel along the crack line by using spatula. Wait for the putty to set in, best in 24hrs.
5. The crack line must be sealed with POLY-Epoxy Putty/Gel to prevent the POLY-POXY epoxy grout from oozing during pressure injection.
6. Fill in *Part A POLY-POXY Epoxy Resin* into a clean container. And then fill-in *Part B POLY-POXY Hardener* compound. Mix thoroughly until a uniform mixture is achieved. **Use immediately. Do not mix more than required as the exothermic reaction will hasten the setting time.**
Mixing Proportion (A : B) : 2 : 1
7. Once ready, start inject the POLY-POXY resin system into the mechanical packer until the required pressure is attained.
8. It is recommended to flush the machine with thinner before and after used. It is mainly to remove any compound left in the pump and prevent blockage.

Note : Information of this method of statement is to the best of our knowledge. However, we have no control over the method of application and the amount of care taken when using this product and therefore, the liability of POLYCELL Sdn Bhd is limited to the quality of the delivered material.

Polycell Sdn Bhd

No.14 Jalan PJS 1/30, Taman Petaling Utama, 46000 Petaling Jaya, Selangor

Tel : +603-7783 4368, +603-7496 2788 Fax : + 603- 7783 4369

Web site : <http://www.polycell.com.my/> email : polycellsb@gmail.com, enquiry@polycell.com.my