

CWC®REINJECTO HOSE

Grouting Tube

Description

CWC®REINJECTO HOSE Grouting Tube is specially designed flexible solid PVC Nitrile Blend (thermoplastic Rubber) covered by sponge strips strengthened by Nylon Braiding which is installed in concrete joints to waterproof and seal any crack or voids in the joint area to eliminate possibilities of leakage in future.

Grouting hose enable to seal joints watertight and offers a complete maintenance program if leakage appears in the future. If water test performed and voids in the joint area are indicated the voids should be filled with injecting material like epoxy, microfine cement or acrylic grouting compound (generally termed as acrylate gel) depending on site requirement

Installation Procedure

- Concrete surface where reinjectable hoses are to be installed are to be clean dry. Smooth and free from dirt.
- Grouting Tube must be located at as close as possible as center line of wall or slab, with only the vent ends crossing the grouting Tube.
- Initial injection pressure should be approximately 70 – 160 psi. Once the injection material has filled the joint area and is to 550 – 650 psi. Maintain this pressure for 3 - 5 minute, allowing for the injection material to thoroughly penetrate the weak area.
- Piston type pumps shall be used with hydrophilic resin injections.

Installation Details

Accessories : PVC Injection hose, PVC / TPR ends, Shrink on sleeves, nozzles, plugs, Tape, Adhesive.

The Grouting Tube Installation – vent ends are to be cut and adhesive is to be applied to the connecting nozzles to ensure a secure fixing.

Method of overlapping vent ends.

Heated by hot air gun.

To avoid any movement or slippage, tie the vent ends with wire at the metal bracket.

Cross Section :

Tread
PVC /TPR Inner Core
Sponge/neoprene Sealing Strip

Designing Principle :

Injecting Channel
Solid hose core made of high quality PVC / TPR
The core is capable to absorbing concrete pressure, ensuring integrity or injection channel.
Lateral, staggered injection opening to ensure uniform discharge of the injection material.
Compressible sponge strips in the longitudinal grooves are a unique and extremely important of the CWCC Reinjecto System. These strips acts as valves during injection and as a seal while cleaning the tube for Reinjection.

Injection Grouting Junction Box :

End connection nipple
Injection grouting tube

Note: For detailed layout plan and application please contact CWCC Technical Team.

Advantages

- Can be applied to damp concrete without any loss of adhesion.
- Ideal as a body coat in protective coating systems.
- Particularly suited to quick repair situations like maintenance work.
- Cured film is very hard and abrasion resistant.
- Excellent bond on freshly prepared concrete surfaces.
- Can be applied by brush or roller or airless spray machine
- Very good moist

Shelf Life & Storage

36 months from the date of manufacturing when stored in un-opened, original sealed and dry condition at a temperature range from +5°C to 40°C

Packing

100 m

Before use, refer to the Material Safety Data Sheet.
The MSDS is available on www.cwcchemicals.com

Concrete Works Construction Chemicals Private Limited (CIN: U74999PN2021PTC199740)

Corp. Office: Office No. 70, Mahavir Center, Fourth Floor, Sector 17, Vashi, Navi Mumbai 400703.

Reg. Office: 1471 D.B. House, Office No. F-4, 4th Floor, Madhav Nagar Road-EWSD Sangli, 416416

Email: info@cwccchemicals.com | **Web.:** www.cwcchemicals.com