

Description

Concrete often cracks. It is inevitably recognized and experienced. Concrete construction requires construction joints and cold joints. All of these unwanted openings in concrete structures may cause very serious problems of water leakage.

Most of these problems can be economically solved by utilizing the PENTENS Pressure Injection Systems. Its have been proven to accomplish two major purposes: one, is to stop water leakage permanently, and the other is to maintain or even restore design strength. Slabs on grade, construction or control joints, parking garages, manholes, tanks, dams, and many other structures can now be fixed permanently.

Uses

Areas of application include:

- Floor slabs
- Suspended floors
- Terraces and balconies
- Patios
- Bathrooms
- RC gutters and planter boxes
- Swimming pools
- Water tanks
- Basements and fountains
- Retaining walls

Advantages

- Negative side application possible
- Deep penetration into very small cracks
- Foam increases in volume to fill cavities and voids
- Adjustable gel times
- Excellent bond to wet surfaces
- Underwater injection approved
- Good elastic strength, tolerant of movement
Inert after curing, constant volume, no shrinkage
- Does not create new cracks
- Non-toxic.

Technical & Physical Data

Foam	Single part Liquid
Colour	Dark Brown
Solubility in Water	Hydrophobic
Max. Expansion, %	3000
Induction Time, 20°C/68°F	30 Sec
Elongation at break (%) (ASTM D 412-98)	>20
Gel. Time, 20°C/68°F	40 Sec
Unconfined Compressive Strength (Sand Filled)	2000 Psi
Corrosiveness	Non-Corrosive
Chemical Resistance	Resistant to more organic Solvent, Mild Acids, Alkali and other.
Shelf Life	1 year when unopened and undamaged
Storage Condition	Store in a dry cool place
Packaging	20kg pail

Important Notes

1. Minimum ambient and substrate temperature is 5°C.
2. Material Shall be store in a dry cool place.

