

P200 Soil Injection Resin

Aqua-reactive PU Injection Resin

Stabila P200 SOIL is a solvent free, one component aqua-reactive polyurethane injection resin. It is sufficiently fast reacting to cut off active or gushing water flows, even under pressure. Stabila P200 SOIL Accelerator is added to Stabila P200 SOIL to vary the speed of reaction for the application in hand.

When P200 SOIL comes into contact with water, it reacts to produce a rapidly expanding closed cell foam. This rapid expansion acts to close off flow paths and hence arrest movement of free water. The foam is moderately flexible, hydrophobic and chemically resistant. It is harmless to the environment and resists biological attack

Uses

Injecting into cracks and minor open fissures in concrete and masonry structures where water leaks are to be controlled.

Injection into open, granular soils where specialised stabilisation is required.

Advantages

An extremely efficient injection resin for leak sealing use where flowing water is encountered.

Exhibits excellent penetration into voids and porous substrates.

Application

Stabila P200 SOIL injection is by single component pump through injection packers or ports as appropriate.

Speed of reaction is dependent on percentage of accelerator used and water temperature. Cold water will increase reaction times.

Where cold water, or relatively fast water flows occur, higher accelerator dosage is necessary. There is no advantage to be gained by increasing the accelerator dose beyond the recommended maximum.

Stabila P200 SOIL may be used to control fast flowing water or water under pressure, but where such conditions are encountered, please contact our Technical Department before use.

Package & Storage

Stabila P200 SOIL is supplied in 25kg drums. P200 SOIL accelerator is supplied in 2.5kg plastic containers. Store in original containers in a dry area, protect from heat and sunlight. Once opened, use as soon as possible.

Health & Safety

Avoid contact with eyes and skin. Follow advice in separate Health & Safety data sheet.

Technical data

	P200 Soil	P200 Accelerator
Form	Liquid	Liquid
Viscosity (25°C)	190 mPas	9 mPas
Colour	Brown	Pale Yellow
Specific gravity (20°C)	1.10	1.04
Mixing ratio	1% to 10% Accelerator by weight	
Application temp	Not less than 5°C	

Reaction times (15°C)

% Accel dosage	Induction time	Gel time
3% (by weight)	50 sec	8 min 20 secs
6% "	29 sec	2 min 35 secs
9% "	28 sec	2 min 05 secs