

MATAPROOF

Predimax[®] 19 Injection Hose

Product Description

The Predimax[®] 19 Injection Hose is a high efficacy, double-jacketed, PVC hose used for multiple injections of resin or cement-based materials to enable the sealing of construction joints in concrete. Predimax 19 Injection Hose System is a unique way to 'future-proof' structures as its multiple injection capability allows for initial, scheduled, or remedial sealing of joints in below-grade reinforced concrete constructions, foundations and tunnels.

Applications

Predimax 19 is used for sealing of all forms of construction joints which are permanently or occasionally exposed to loads due to subterranean, down-the-slope or surface water. Construction joints which are required for structural engineering reasons can be designed non-positive and watertight using Predimax 19.

Features and Benefits

- Suitable for the injection with resins, acrylates, fine cements and ordinary Portland cement
- Injection hose with continuous markings of meter length and control number
- High efficacy, double-jacketed, twin layer PVC hose
- Multiple injection capability
- Cement paste is prevented from entering the hose during concrete placement due to the offset unique design
- Advanced design ensures even distribution of injection medium within the joint
- Smooth surface to avoid unwanted bonding between injection hose and concrete.
- No unwanted twisting when installing from the reel due to circular hose form.

Physical Properties

Property	Value
Color	Green
Working Material	PVC
Internal Diameter	11 mm
External Diameter	19 mm
Max Injection Hose Length	12 m to 15 m, special lengths tested up to 45 m
Discharge Opening in Outer Hose	10 mm
Hole Layout in Inner Hose	Rotated by 90° at 20 mm intervals, i.e. six openings in every 10 cm. of hose
Weight	253 g/m

Packaging

- 100 m per roll; 10 rolls per pallet (1000 m)
- sealed in tight shrink film

Installation

Predimax 19 is easy to install when the following instructions are observed: Lay the hose along the middle of the joint. The connection between ventilation and the injection hoses and the Predimax 19 Injection Hose must be completely embedded in the concrete. The Predimax 19 Injection Hose must be well set on the cold joint and be fastened in place with hose clamps at intervals of approximately 15 cm (depending on the state of the joint). The overlaps should be roughly 10 cm. The ends of the injection and ventilation hoses must be laid neatly and to the outside of the formwork so they can be easily retrieved.

Attention must be paid to good accessibility and ease of injection after completion of construction:

There are two options:

1. Installation of the injection hoses with shuttering connectors with foam rubber and rebar holders
2. Ventilation/ Injection Hoses installation in a bushing:

Important: Fasten the ventilation/ injection hoses securely to prevent them being pulled out of the bushing during concreting.

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Limitations/ Shelf Life

Shelf life 5 years when stored protected against frost and direct sunlight.

Warranty

FPT Infrastructure warrants its Products to be free of defects in materials but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, FPT Infrastructure makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE with respect to FPT Infrastructure Products. FPT Infrastructure's sole obligation shall be, at its option, to replace or to refund the purchase price of the quantity of FPT Infrastructure Products proven to be defective, and FPT Infrastructure shall not be liable for any loss or damage.

Please refer to our website at fptinfrastructure.com for the most up-to-date Product Data Sheets.

NOTE: All FPT Infrastructure Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.