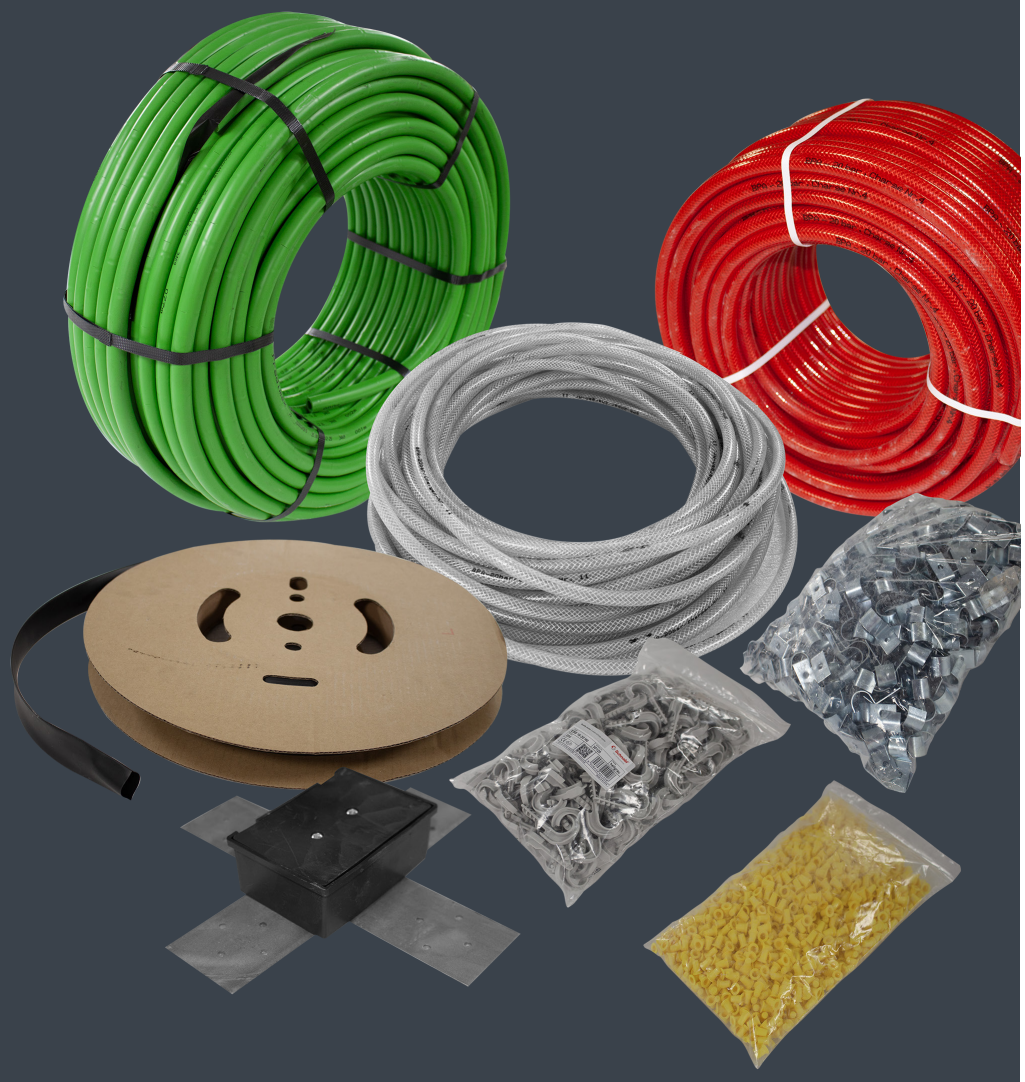
TECHNICAL DATA SHEET

HYDROSTOP RI

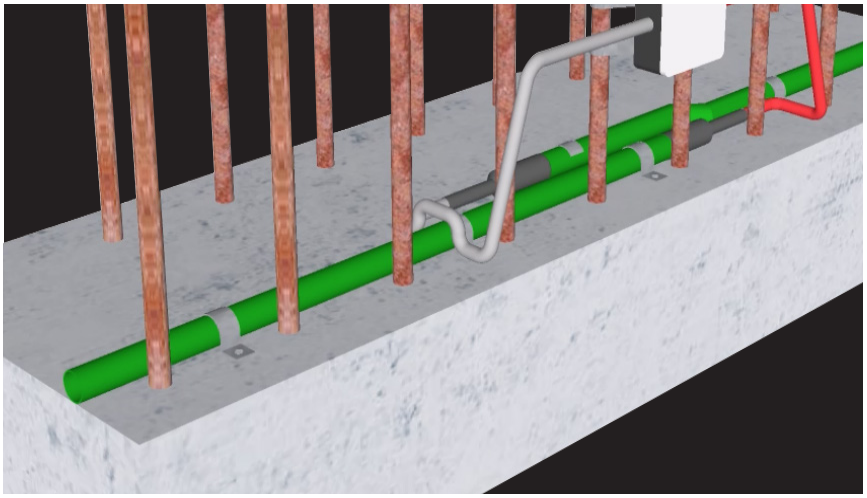


Injectable Hose System

PREMCRETE

HYDROSTOP RI





TYPE B
INJECTABLE HOSE

UK CA
UK CONFORMITY

25 YEARS
PRODUCT WARRANTY

DESCRIPTION

HYDROSTOP RI is a PVC injection hose which is designed for application to construction joints in concrete, where the integrity of the joint is sealed by post injection. HYDROSTOP RI is suitable for use in conjunction with both microfine cement grouts and polyurethane resin grouts depending on the application. Easily installed at the construction stage and can be re-injected at any point during the lifetime of the structure.

USES

HYDROSTOP RI is used for the effective sealing of construction joints in underground structures, including tunnels, reservoirs, dams, retained walls and other high-risk applications where it is important to be able to maintain the integrity of the construction joint throughout the lifetime of the structure. It is also particularly suitable for use in construction joints where there is a limited thickness of concrete which precludes the use of a hydrophilic water stop.

HYDROSTOP RI 6mm diameter is part of the HYDROPRUFE PVC-M compartmentalized waterproofing system. It is installed in conjunction with HYDROBAR PVC to allow injection into each zone as part of the maintenance regime on the built structure.

ADVANTAGES

- Suitable for re-injection.
- Easily installed and applied to complex structures.
- Can be used in conjunction with hydrophilic, metal blade and PVC water stops..
- Effective sealing of construction joints
- Design life equal to that of the structure where it is incorporated.

HYDROSTOP RI

TECHNICAL & PERFORMANCE PROPERTIES

Property	Test Method	Value
Colour	N/A	Green
Weight	N/A	0.11kg/m
Internal Diameter	N/A	11mm
External Diameter	N/A	19mm
Perforations	N/A	20 per 100mm length

INSTALLATION PROCEDURE

Surface Preparation

Ensure the substrate to which the HYDROSTOP RI is to be applied is clean and free from oils and dust. The surface should be free from excessive undulation.

Application

HYDROSTOP RI should be fixed securely to the concrete, centrally within thickness of a joint using the hose clips provided at 150mm centers. The injection box should be fitted to the outer reinforcement bars, ensuring that it is fitted tightly against the face of the shutter. The ends of the HYDROSTOP RI should be fitted into the connector pieces inside the injection box. Ensure that the ends of 2 consecutive lengths of HYDROSTOP RI are installed with a minimum overlap of 150mm and 20mm apart from each other. Once the concrete has been poured, then the HYDROSTOP RI can be injected using either a microfine cement or an injection resin from the PREMCRETE HYDROCRYL range.

PACKAGING & COVERAGE

Pack Size

HYDROSTOP RI is supplied in 100m packs.
One pack consists of the following ancillary items:

- Plastic injection port boxes
- Ventilation hose
- Injection port
- Injection nipple
- Hose cap
- Fixing Clips



STORAGE & SHELF LIFE

HYDROSTOP RI should be stored in cool dry conditions away from direct sunlight. When stored in original packaging it will have a shelf life in excess of 2 years.

HEALTH & SAFETY

See separate Material Safety Data Sheet.

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