



SOPRAJOINT RIH

MULTI-USE HOSE

INJECTION BY HOSE SYSTEM FOR THE BUILDING INDUSTRY

TECHNICAL DATA SHEET 170729SME3E

DESCRIPTION

SOPRAJOINT RIH is a multi-use re-injectable hose system designed and made of flexible solid PVC Nitrile blend (thermoplastic rubber) wrapped around by sponge strips while the whole assembly is strengthened by nylon braiding. SOPRAJOINT RIH is designed to be installed in concrete joints as a precautionary measure to seal cracks or voids in the joint area to eliminate the possibilities of leakage in future or when concrete is attacked by water. SOPRAJOINT RIH is suitable to use with injection material such as injection resins, micro fine cements or cement slurry to seal capillary cracks.

Enhanced Maximum Resin Distribution

Two Grades Available

Easy to Install

Cost & Time Efficient

Resilient Nylon Braiding

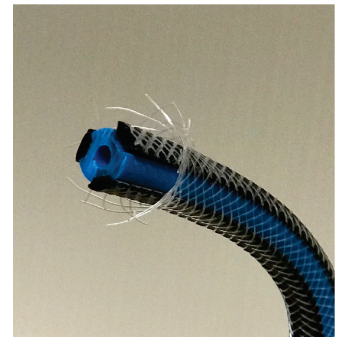
USER APPLICATIONS

SOPRAJOINT RIH system is specially developed to provide increased water-tight integrity for:

- Construction joints
- Water excluding structures
- Water retaining structures

INSTALLATION GUIDELINES

- **Preparation:** It is easier and faster to install the hose before the reinforcing steel is placed. Make sure that the surface to receive the hose is clean and free from all loose aggregate. Measure the required length of injection hose and cut the ends with a sharp knife so they are even. The length of SOPRAJOINT RIH should not exceed 12 meters. Before installing SOPRAJOINT RIH, check that you have the right type of injection hose suitable for the project and all the required parts and equipment.
- **Parts needed for the installation with SOPRAJOINT RIH:**
 - Feeder hose
 - Attachment clips
 - Pressure connectors
 - Injection boxes for feeder hoses
- **Equipment needed for the installation:**
 - Sharp knife or a cutter
 - Nail gun or a drilling machine
 - 1" to 1.5" steel nails or nail plugs
 - Hot air blower
- **Installation Procedures**
 - SOPRAJOINT RIH must be positioned as close as possible as canter line 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 reached 550-650 psi, maintain this pressure for 3-5 minutes allowing for the injection material to thoroughly penetrate the weak area.
 - Piston type pumps shall be used with hydrophilic resin injections.



SUSTAINABILITY, HEALTH & ENVIRONMENT

All our activities & growth target sustainable development to minimize the impact on the environment. SOPRAJOINT RIH does not contain any substances that might be detrimental to health or to the environment and complies with generally accepted health standards. Please refer to the product's Safety Data Sheet for more information.

SOPREMA may modify the composition and/or utilization of its products without prior notice.
Manufactured by SOPREMA at any of SOPREMA's Plants Worldwide or supplied Under Licence by SOPREMA.



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PACKAGING

SUPPLY DATA	SOPRAJOINT RIH
Packaging	1 x 100 m Rolls
Internal Dia.	6 mm
External Dia.	13 mm, 19 mm

(All Values are nominal)

LIMITATIONS

- The concrete should be, minimum, 28 days old prior to commencing injection.
- Use only approved feeder hoses.
- Do not place the injection hoses in direct contact with each other.

SHELF LIFE

18 months when stored below 30 °C under shade in a dry environment.

STORAGE & HANDLING

- SOPRAJOINT RIH should be stored in a properly ventilated and covered place to avoid damage of material from rain water.

QUALITY CONTROL

SOPRAJOINT RIH is manufactured in ISO-9001 certified SOPREMA factories which are audited by third-party organizations such as Underwriters Laboratories (UL) and FM Global. The product is manufactured to meet SOPREMA's Quality Management Manual.

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