

RASCOtec Injection hose C6-11

INJECTIONSISTEMS

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The RASCOtec injection systems feature a range of different units for specific functions, which – after installation and grouting – combine to provide highly professional, integral waterproofings.

The key advantage of the RASCOtec systems lies in their ability to accommodate very large joint movements thanks to the special geometry of the sections, which are in direct contact with the joint, are likewise filled with hydrophilic acrylic and thereby form a grout reservoir.

RASCOR's unique detail solutions underline the company's supreme technological standards in the field of waterproofing.

USE

The RASCOtec Injection hose C6-11 is a very economical and effective injection system made of flexible, stable PVC. The slightly conical, slotted openings on four sides ensure easy discharge of the injection material.

The RASCOtec injection hose C6-11 is suitable for preventive waterproofing of construction joints. It is placed in the middle of the construction joint (or according to instructions) on the existing structure. The injection hose provides a hollow space in the concrete, which is filled under pressure with the necessary injection material for the final waterproofing. The injection hose can also be mounted in an easy way on any waterstop with specially designed clips. This way, every waterstop becomes injectable.

FEATURES

- re-injectable if the system is vacuumized after injection (not possible with epoxy or polyurethane materials)
- injection possible even years after installation
- prevents penetration of cement paste
- resistant material
- time-saving installation
- 28 outlet openings over a length of 10 cm



Further product info



LEGAL NOTICE: The information provided on the use and application of our products in this technical data sheet is based on the present state of our knowledge. The customer shall bear sole responsibility for the proper specification, application and use of the products in line with the intended purpose, project-specific conditions and external actions. The most recent technical data sheet shall apply. The current technical data sheets are available at www.rascor.com. Our General Terms of Business shall form an integral part of this technical data sheet.

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TECHNICAL/PHYSICAL DATA

Injection hose	
Size	D _{inner} 6 mm D _{outer} 11 mm
Material	W-PVC
Colour	violet
Max. Grouting length (recommended)	10 m
Outlet opening in hose	3 - 5 mm
Hole arrangement in hose	every 12 - 14 mm in the axial cross (20 mm), i.e. on 10cm length there are 28 outlet opening
Supplied form	roll of 50 m - 50 rolls/pallet (=2'500 m)
Weight	0,1 kg/m
Hazardous goods/ADR	none
Storage/shelf life	5 years in a frost-free place and protected from sunlight

SUPPLY/ADDITIVES

Item no.	Product	Container	Contents
1102.2101.001	RASCOtec Injection hose C6-11	roll	50 m
1102.9121.001	RASCOtec injection box AX-C6	pcs	1 pc
1102.2902.001	Hose connector Snap-In 12mm	bag	50 pcs
1102.9211.001	Fabric hose PVC, transparent	roll	50 m
1102.9211.002	Fabric hose PVC, red	roll	50 m
1102.2903.001	Clamp 13mm	box	100 pcs
1350.8111.001	Injection nipple M8, 60mm	bag	10 pcs

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APPLICATION

The RASCOtec injection hose C6-11 must be installed on broom-clean surfaces with the available mounting kits. Curves or twisted parts in the hose do not result in any disadvantage, as the outlet openings are present on all sides of the hose. The ends of the hose (ventilation hose and sealing plugs) must either be installed in a clearly visible position outside the area to be concreted or stowed safely in the structure using a storage box. The ventilation hose must be mounted as close as possible to the existing surface to prevent underflow of the concrete.

For all installation details, please refer to the application instructions.

GENERAL GUIDELINES

The RASCOtec injection hose C6-11 must always be laid directly on cementitious substrates. Plastic or metal parts of formwork, reinforcement connections or the like must be removed before installation. A clean encasing of the injection hoses with concrete is a basic prerequisite for the subsequent injection. A distance of at least 10 cm from the concrete surface must be maintained. Gravel pockets or other defects must be professionally closed beforehand.

SAFETY NOTICE

Firing apparatus or drilling machines are used for assembly. The safety instructions for these devices must be observed. Otherwise, suitable protective gloves and safety goggles are to be worn.

DISPOSAL

Fragments or surplus material can be disposed of in regular household waste or in dedicated plastic recycling bins.

