



TECHNICAL DATA SHEET

RASCOTight Hydrophilic Channel

The RASCOTight Hydrophilic Channel is a combination of hydrophilic strip and injection channel. The hydrophilic strip constitutes the primary seal, while the injection channel allows the straightforward and systematic regrouting of any defects.



USE

Hydrophilic channels are suitable for waterproofing all types of permanently accessible construction joint in general building and civil engineering works.

FEATURES

- straightforward application
- double protection
- inexpensive option

APPROVALS

- German National Test Certificate (allgemeines bauaufsichtliches Prüfzeugnis) "waterproofing system for construction joints"

TECHNICAL/PHYSICAL DATA

	channel	hydrophilic strip
Size	width 30 mm height 20 mm	width approx. 26/52 mm height approx. 18 mm
Colour	black/yellow	black/yellow
Supplied form	solid	solid
Chemical base	polyethylene (HDPE)	vulcanized elastomers
Hazardous goods/ADR	none	none
Degree and speed of swelling (free swelling in drinking water)		swelling begins after approx. 6 h approx. 30 % after 1 day approx. 100 % after 7 days max. swelling after approx. 60 days
Max. swelling pressure		< 10 bar
Storage/shelf life	unlimited	12 months in original container, in dry conditions

APPLICATION

The hydrophilic channel shall be fixed by nail plugs through the predrilled holes to the clean, cementitious base, which shall be as level as possible. Additional holes shall be drilled in case of substantial unevenness in the base. To prevent spalling failure (due to swelling pressure), a minimum concrete cover of 10 cm is required to all sides. Any swollen hydrophilic channels shall be allowed to regain their normal, unswollen size prior to concreting.

GENERAL GUIDELINE

Hydrophilic channels shall not be allowed to come into contact with water for a longer period prior to casting. Under no circumstances shall swollen hydrophilic channels be incorporated in the works.

SAFETY NOTICE

No special provisions.

EXPERT REPORTS

- Performance test, MFPA Leipzig, Germany
- Further reports on request

SUPPLY/ADDITIVE

Item no.	Product	Container	Contents
1107.0101.001	RASCOTight Hydrophilic Channel	set	30 m
1107.0193.001	RASCOTight Hydrophilic Connectors	box	100 pcs
1190.0303.001	RASCOfix Nail Plug 6/60	box	200 pcs
1190.0302.001	RASCOfix Nail Plug 6/80	box	200 pcs
1107.9101.001	RASCObond Fixing Adhesive	box	6 pcs

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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