



TECHNICAL DATA SHEET

RASCOTight QVE Hydrophilic Strip

RASCOTight QVE Hydrophilic Strip is a waterproofing strip, made from vulcanized elastomers, that swells upon contact with water. The hydrophilic strip is finished with a protective coating to delay initial swelling during installation.



USE

The RASCOTight QVE Hydrophilic Strip is suitable for waterproofing construction joints in general building and civil engineering works, for sealing shafts, pipe and other penetrations, and as an ancillary measure for other waterproofing systems.

FEATURES

- swells upon contact with water
- reversible swelling
- very straightforward application
- non-absorbent
- suitable for saltwater applications
- protective coating delays initial swelling

APPROVALS

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

TECHNICAL/PHYSICAL DATA

Size	width 20 mm
	thickness 3 and 10 mm
Colour	yellow
Supplied form	solid
Hazardous goods/ADR	none
Chemical base	vulcanized elastomers
Hydrostatic pressure	suitable for up to 1 bar
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	12 months in original container, in dry conditions

APPLICATION

With adhesive:

The hydrophilic strip shall be fully bonded using a standard adhesive to the clean base, which shall be as level as possible. Sufficient adhesive shall be used to ensure full contact with the base, i.e. with no voids below the strip. In addition, to facilitate installation, the strip may be mechanically spot-fixed. Individual strips shall be butt-jointed (without bonding). The necessary curing time for the selected adhesive, as specified by the manufacturer, shall be observed.

With fixing device:

A (grid-type or other) clamping device may be used to ensure full contact of the hydrophilic strip with the base. To prevent spalling failure (due to swelling pressure), a minimum concrete cover of 10 cm is required to all sides.

GENERAL GUIDELINE

The hydrophilic strip shall not be allowed to come into contact with water for a longer period prior to casting. Under no circumstances shall swollen hydrophilic strip 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
1107.1111.001	RASCOTight QVE 20/03	roll	100 m
1107.1511.001	RASCOTight QVE 20/10	roll	25 m
1107.9101.001	RASCOTight Hydrophilic Paste	cartridge	6 pcs / box
1109.2101.001	RASCObond Fixing Adhesive	cartridge	12 pcs / box

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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