



## TECHNICAL DATA SHEET

# RASCOTec Expansion Joint

The RASCOTec Expansion Joint unit – a combination of two injection channels and a special foam insert – is used for the flexible waterproofing of expansion joints.

### USE

The standard expansion joint unit may be used to waterproof expansion joints up to 20 mm wide in general building and civil engineering works. Horizontal movement equal to 10-15% of the size of the effectively constructed joint opening may be accommodated.

### FEATURES

- easy fixing
- may be used in conjunction with dowel bars
- may be worked as wood
- weldable



## TECHNICAL/PHYSICAL DATA

	Section	Foam strip
Size	length 200 cm	length 200 cm
	width 30 mm	width 35 mm
	height 20 mm	height 80 mm
Colour	black/yellow	yellowish
Supplied form	solid	solid
Chemical base	polyethylene (HDPE)	polyester
Hazardous goods/ADR	none	none
Storage/shelf life	unlimited	unlimited

## APPLICATION

The expansion joint unit shall be fixed by nail plugs through the predrilled holes to that concrete element cast first. Expansion joint units shall normally be fixed approx. 5-6 cm behind/below the concrete face. To prevent material loss during later grouting, the channel/concrete junction shall be silicone-sealed. Polystyrene board filler shall be cut to size and fixed in the expansion joint on either side of the expansion joint unit. Extruded polystyrene shall be used on the grouting side to obtain a clean edge. The polystyrene board on the grouting side shall be removed prior to grouting.

## GENERAL GUIDELINE

The behaviour/requirements of the relevant expansion joints shall be clarified or calculated prior to fixing. The specification of the expansion joint unit size and necessary procedure shall depend on these clarifications. RASCOR shall be consulted in all cases where the joint movement may exceed the permissible values. After being filled with flexible resin grout, the expansion joint shall be capped with a RASCOjoint CD Gasket.

## SAFETY NOTICE

No special provisions.

## EXPERT REPORTS

- Conformity certificate, Asendorf Bauchemie Consult GmbH, Wiesbaden, Germany

## SUPPLY/ADDITIVE

Item no.	Product	Container	Contents
1102.1031.001	RASCOtec Expansion Joint	piece	2 m
1190.0303.001	RASCOfix Nail Plug 6/60	bag	200 pcs
1190.0303.001	RASCOfix Nail Plug 6/80	bag	200 pcs
1190.0501.001	RASCOfix Concrete Adhesive Tape	roll	50 m
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](http://www.rascor.com). Our General Terms of Business shall form an integral part of this technical data sheet.

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