



TECHNICAL DATA SHEET

RASCOTec Crack inducer

The RASCOTec Crack inducer is a plastics section with central injection channel used for the controlled formation and waterproofing of cracks.

USE

RASCOTec Crack inducers may be incorporated in any building element to allow the uninterrupted casting of concrete bays of unlimited size. The waterproof barrier is created through injection of the RASCOTec Crack inducer.

FEATURES

- controlled shrinkage cracks
- may be widened to suit requirements with RASCOTec Extension board (composite panel)
- may be worked as wood
- weldable
- weather-independent installation



TECHNICAL/PHYSICAL DATA

	Section	Foam strip	RASCOTec Extension board
Size	length 250 cm	length 250 cm	length 250 cm
	width 200 mm	width 25 mm	width 100 cm
	height 40 mm	height 20 mm	thickness 3 mm
Colour	black	yellowish	yellow-yellow-yellow grained surface (former version: yellow-black-yellow)
Supplied form	solid	solid	solid
Chemical base	polyethylene (HDPE)	polyester	polypropylene (PPC)
Hazardous goods/ADR	none	none	none
Storage/shelf life	unlimited	unlimited	unlimited

APPLICATION

The RASCOtec Crack inducer shall be fixed at the required position between the two reinforcement layers using stirrups. A triangular fillet may be additionally inserted in the formwork so as to form a crisp, straight dummy joint in the wall on the exposed face. The width of the crack inducer shall in all cases be at least 2/3 the element thickness. With slender elements of thickness less than 40 cm, the crack inducer shall always extend from inner to outer or top to bottom reinforcement. The spacing of the crack-inducing units always requires prior calculation as it depends on the reinforcement. Widened crack-inducing units shall always be incorporated in such a way as to ensure that the base units abut the reinforcement (on the later grouting side).

Should the base unit need widening, the RASCOtec Crack inducer may be either purpose-made and supplied ready for use or widened with RASCOtec Extension board as required on site. Please check installation guideline RASCOtec Crack inducer for further instructions.

GENERAL GUIDELINE

To prevent buckling during concreting, a sufficient number of support stirrups shall be incorporated and care shall be taken when pouring concrete near the crack inducer. Where a triangular fillet is inserted to form a straight crack (dummy joint), it shall be fixed in the line of the RASCOtec Crack inducer.

SAFETY NOTICE

No special provisions.

EXPERT REPORTS

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

SUPPLY/ADDITIVE

Item no.	Product	Container	Contents
1102.1201.013	RASCOtec Crack inducer B13, onesided enlargement	bundle	20 m
1102.1201.015	RASCOtec Crack inducer B15, onesided enlargement	bundle	20 m
1102.1201.018	RASCOtec Crack inducer B18, onesided enlargement	bundle	20 m
1102.1201.020	RASCOtec Crack inducer B20, onesided enlargement	bundle	20 m
1102.1202.030	RASCOtec Crack inducer B30, onesided enlargement	bundle	20 m
1102.1202.040	RASCOtec Crack inducer B40, onesided enlargement	bundle	20 m
1102.1202.050	RASCOtec Crack inducer B50, onesided enlargement	bundle	20 m
1102.1081.003	RASCOtec Feeder cap	bag	100 pcs
1102.1082.003	RASCOtec Connector cap	bag	50 pcs
1102.1083.001	RASCOtec Target	box	100 pcs
1102.1085.003	RASCOtec Stopper cap	bag	100 pcs
1102.1021.002	RASCOtec Extension board	pc	2,5 m ²
1190.0101.001	RASCOfix Cable tie 20 cm	bag	100 pcs
1190.0102.001	RASCOfix Cable tie 40 cm	bag	100 pcs
1190.0103.001	RASCOfix Cable tie 70 cm	bag	100 pcs
1205.0302.001	Feeder hose 18 mm	roll	50 m

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.

Rascor International Ltd.
Gewerbestrasse 4
CH-8162 Steinmaur / Switzerland
Phone: +41 (0)44 857 11 11
Fax: +41 (0)44 857 11 00
www.rascor.com