

RASCOTec Extension Board

INJECTION SYSTEMS

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The RASCOTec injection system is a comprehensive system consisting of different profile types. This allows it to be used optimally for various technical requirements, such as waterproofing construction joints, crack control joints, expansion joints or penetrations. The profiles of the RASCOTec injection system are always installed in the concrete. Once the concrete has hardened, the RASCOTec injection systems are injected using RASCOflex injection resins. The advantage of using the RASCOTec injection system is that the subsequent injection can be carried out efficiently and in a controlled manner, whereby neighbouring defects are usually sealed automatically. The choice of injection medium should always be based on the functional requirements and the conditions of the application.

The profiles of the RASCOTec injection systems have been specially developed to generate the largest possible opening to the joint, with the fine-pored, open-cell carrier foam in the opening serving as a permanent material depot. Particularly when used with acrylates/gels, such as the injection materials in the RASCOflex AY series, the material depot has a very positive effect on the permanent sealing of any joint openings that may subsequently occur.

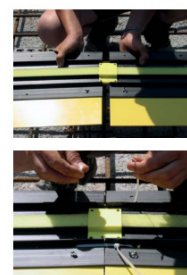
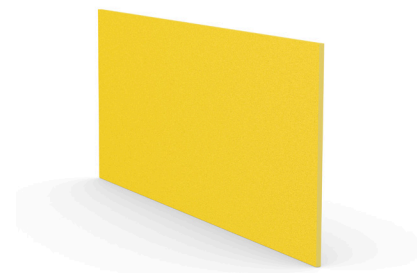
USE

The thin-format RASCOTec Extension board is used to widen RASCOTec crack inducers in order to achieve the required separation within the concrete cross-section. The required dimensions shall be specially calculated by the engineer for the particular project.

The thick-format RASCOTec HDPE plate is used in the remedial waterproofing of expansion joints to resist pressure above the (swelling) hydrophilic material (e.g. RASCOTight QB F2.0) and thereby transfer the swelling force to the joint faces.

FEATURES

- eco-friendly plastics
- may be worked as wood
- weldable
- weather-independent installation
- specially grained surface



Further product info



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RASCOR

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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

	Extension board	HDPE plate
Size	length 100 cm width 250 cm thickness 3 mm	length 100 cm width 75 cm thickness 8 mm
Area	2.5 m ²	0.75 m ²
Colour	yellow	black
Supplied form	solid	solid
Chemical base	polypropylene carbonate (PPC)	polyethylene (HDPE)
Hazardous goods	none	none
Storage/shelf life	unlimited	unlimited

APPLICATION/PREPARATION

The RASCOtec Extension board are available in widths of up to 100 cm and lengths of up to 250 cm. They can be easily cut on site by saw to the required size. On request, the RASCOtec Extension board can cut to size at the factory and supplied ready for use. For details of how to fix the RASCOtec crack inducers, please consult the installation guidelines for the RASCOtec crack inducer.

To determine the sizes required for use with expansion joints, the joint width and magnitude of joint movement need to be known. Care shall be taken during installation to ensure that the RASCOtec HDPE plate is mechanically secured to the joint such that it is able to resist the pressure from the swelling effect. On request, RASCOR shall be glad to provide support in developing the technical details.



GENERAL GUIDELINES / SAFETY NOTICE

When installing the RASCOtec Extension board, care shall be taken to ensure an adequately strong, force-transmitting connection with the RASCOtec crack inducer or adequate mechanical fixing in the expansion joint.

No special safety instructions are required

SUPPLY/ADDITIVES

Item no.	Product	Container	Contents
1102.1021.002	RASCOtec Extension board, 250 cm x 100 cm x 3 mm	plate	2.5 m ²
1102.1021.003	RASCOtec HDPE plate, 100 cm x 75 cm x 8 mm	plate	0.75 m ²

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