

PROXAN®-FB 3



- based on polysulphide polymer
- for elastic joint sealing and joint repair

PROXAN®- FB 3 is an industrially prefabricated sealing tape based on polysulphide polymer. Through its special formulation it is resistant against a multiplicity of chemicals (have a look at appendix 1 of the technical approval), UV-resistant and elastic over a wide temperature range.

Use

PROXAN®- FB 3 will be used for reliable sealing of expansion joints and for the repair of joints in areas, where the penetration into the soil area of substances hazardous to water has to be securely avoided such as in plants for containment, handling and filling of substances hazardous to water.

PROXAN®- FB 3 is especially well suited for sealing of joints where exceptionally high demands are placed on movement absorption, for too big and too small designed joints, for edge joints, for joints with expected shear stress and for the repair of joint sealants, which are not working anymore, without removal of the old sealant, as well as for sealing cracks, which cannot be expanded to joints because of local circumstances. PROXAN®- FB 3 is not suitable for sealing joints rolled by traffic.

Specifications

- PROXAN®- FB 3, grey: approved by Deutschen Institut für Bautechnik (DIBt) for joint sealing systems in plants for containment, handling and filling of substances hazardous to water under Z-74.5-179
- PROXAN®- FB 3, black: approved by Deutschen Institut für Bautechnik (DIBt) for joint sealing systems in plants for containment, handling and filling of substances hazardous to water under (Z-74.5-104)

Application instructions

PROXAN®- FB 3 will be adhered with PROXAN®- KV 3 ST on both sides of the joint (have a look at appendix 2 of the general technical approval). The bonding areas have to be primed with PROXAN®-primer suitable for the corresponding substrate (have a look at appendix 3 of the general technical approval). The moulded edge areas of the tape are used as adhesive surface, the unmoulded centre as expansion zone. The tape can be adhered to the building part joint overlapping plain, in loop type or angled (edge joint).

The connection of tapes takes suitably place outside of cross joints and can be designed as collision as well as overlapping. At the design of cross joints it is recommended to adhere the tape persistent vertically and horizontally on the side colliding. At persistent adhered tapes as well vertically as horizontally the expansion zone of the tape has to be covered with a separating material (PE foil, silicone paper) to prevent from the three side bonding. The vertical tape has to be adhered above the horizontal tape, all joint tape collisions have to be sealed with PROXAN®- KV 3 ST.

Old, defect joint sealant can remain in the joint at the maintenance works provided that no restraints exerted on the adjoining building part and no interference of the joint tape occurs. The old sealant has to be covered with a separating material (PE foil, silicone paper).

Empty joints in horizontal areas have to be filled up to the upper edge with a material that prevents the tape from sagging (e. g. PE-round profile, closed-cell).

Central Sales

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Producer

Plant Greiz

Form of supply

Width [mm] <small>*further width on inquiry</small>	m / roll	Packaging	Colour
60	15	45 m / unit	grey, black
80	15	45 m / unit	grey, black
100	15	30 m / unit	grey, black
120	15	30 m / unit	grey, black

Technical Data

	PROXAN®- FB 3
Polymer base:	polysulphide
E 100:	approx. 0.4 N/mm ²
Elongation at fracture:	minimum 800%
Resilience:	minimum 85%
Shore-A-hardness:	approx. 20-30
Colour:	grey, black

Storage

Dry, rolls have to be stored upright, do not squeeze, do not remove the paper interlayer, can be stored limitless.

Important

The above mentioned information is in accordance with our current state of knowledge and our previous experiences. They make no claim to be complete. The changing conditions at the application, the different working conditions at the construction site as well as a variety of materials exclude any claim to liability from this information. The best assurance against possible failures will be achieved through your own tests for the intended application purpose. Our application engineering will be pleased to advise you.

This product information corresponds to our latest available information. The processor is obliged to test the suitability and application options for the intended purpose. We shall be pleased to advise if you have any questions about our product. Our Terms and Conditions of Business apply, which can be found at www.dga

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