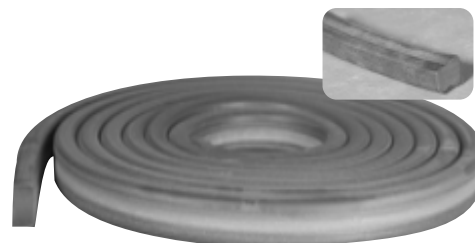




Quellmax® BLACKSTOP

Swelling bentonite-rubber insert for sealing construction joints

- strong swelling > 500%
- multiple swelling and shrinkage processes
- simple and quick application
- resistant to aging



Characteristics

Quellmax® BLACKSTOP is a swellable insert made of sodium bentonite, polyisobutyl rubber acting as a binding agent and special fillers and additives. It is characterized by strong, fast and reliable swelling (> 500%), which guarantees tight filling of cracks and gaps. The process of swelling and shrinkage can take place many times. The insert has a rectangular profile and is factory-coated with a layer of talcum powder. Due to the high content of inorganic components, it reacts to water many years after installation.

Przeznaczenie

Quellmax® BLACKSTOP swellable insert is intended for permanent sealing of working joints in concrete structures, passages of installation elements through building partitions exposed to permanent or periodic action of ground, rain or surface water. Working gaps sealed with an intumescent insert withstand a water pressure of 7 bar = 70 m water column. Application in zones of changing water table is possible and has been proven in long-term studies. Working gaps sealed with the **Quellmax® BLACKSTOP** insert in the areas of its application are durable, hard, watertight and resistant to aging.

Preparation of substrate

The **Quellmax® BLACKSTOP** insert should be placed on a stable surface: clean, dry, even, free from contamination and not reducing adhesion.

Caution:

Quellmax® BLACKSTOP is not resistant to oils, gasoline, benzene, diesel oil, solvents, highly concentrated alkalis and acids.

Application

It is recommended to install the **Quellmax® BLACKSTOP** inlay with nails or a suitable glue. The insert should be placed in the middle of the working joint at a minimum distance of 8 cm from both edges. In wider working joints, the insert should be placed at a distance of 1/3 to 1/2 of the gap width from the edge.

The insert should not be placed on wet ground, stagnant water, and also in rain. Immediately before concreting, check if the insert is firmly attached.

Packaging

Roll 5 m
Box 20 m (4 rolls) or box 30 m (5 rolls)

Dimensions available:
cross-section 18 x 24 mm

Shelf life and storage

Up to 3 years with proper storage conditions
Store in original packaging, at a temperature above 5° C, protect against direct influence of unfavorable weather conditions.

Industrial safety

The product is not toxic, not hazardous, it does not pollute the water.

ESSENTIAL CHARACTERISTIC	Quellmax PLUS
color	black/dark gray
shape	rectangular profile
grammage	730 g/m
dimensions	18 x 24 mm
density	1,9 g/cm ³
waterproof <small>(according to test report MA 39-VFA19991209.02/19991210.02)</small>	7bar
swelling capacity	> 500%
swelling pressure	0,5 N/mm ²
reaction to fire	class E

The data contained in this technical data sheet are based on our experience and research, and constitute general information about the product and recommendations for application under standard conditions. The manufacturer guarantees the quality of the product, but has no influence on the conditions and manner of its use. In case of doubt, please contact us or make your own tests. With the appearance of this technical data sheet, the previous ones will no longer be valid.

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