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DYNA
Bentonite-swelling tape
Catalogue



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DYNA Quell

The Bentonite-swelling tape

The **new generation** of
Bentonite-swelling tapes designed and
made in Germany, tailored to the requirements
of the germanan european building industry.

**Water change zone
examined**

**General Test Certificate
Under building Inspectorate Laws**



**High
dimensional stability**

**Maximum safety
in construction joint**

The new **DYNA Quell** ensures powerful, fast and reliable expansion.

Advantages

- General Test Certificate (Under building Inspectorate Laws)
- Examined in the water change zone
- Maximum reliability
- German quality product
- State-of-the-art technology
- Labour-saving, highly economical
- No adverse effect on established building site procedures:
mounting of **DYNA Quell** (fixed with **DYNA mounting grid**) reinforcing, concreting and reliable sealing

Technical Data

Dimensions: +/- 15 x 20 mm, +/- 20 x 25 mm
Standard length: 5 m rolls
Investigation reports: Hygiene Institut Gelsenkirchen
(drinking-water-admission)
MFPA Leipzig (construction-joint-sealing
in the water change zone)

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DYNA Quell

The Bentonite swelling tape

Product data sheet

Description:

DYNA-Quell is a high swelling material made of bentonite and butyl caoutchouc for sealing of joints in concrete constructions and steel concrete constructions. The swelling pressure resulting under built-in conditions when in contact with water gives **DYNA-Quell** its sealing effect. **DYNA-Quell** is an always plastic material that follows continuously any movements of the structure without any infringement to the sealing effect.

Field of application:

Sealing of construction joints in structural concrete parts of both overground and underground workings against pressurized water. Swelling tapes also for sealing of pipe openings and joints between old and new buildings.

Processing:

- 1) Store under dry constuctions
- 2) Nature of subsoil:
plane, free from any loose concrete parts and impurities
- 3) DYNA-Quell must be fixed with:
 - a) DYNA-Quell mounting-grid or
 - b) sticking pase for elemination of floating

Color:

Black

Dimensions:

+/- 15 x 20 mm

+/- 20 x 25 mm

5 m/roll, 40 m/cardboard box, 720 m/pallet



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***DYNA* Quell**

The bentonite swelling tape

Processing specification

- Store dry until mounting.
- Remove the silicone-paper and place the bentonite swelling tape on the cleaned joint.
- Pay attention, that it lays central in the joint and push the butts together.
- The concrete cover amounts to at least 8 cm.
- Attach the tape with a grid and fix it in a distance of approx. 25 cm for elimination of floating.
- This happens by:
 - a) plugging, nailing or shooting with *DYNA-Quell* mounting grid
 - b) sticking
- It's important, that there is an contact between the tape and the joint.
- If there are some unevennesses use sticking-paste Plus-300 for adjustment.
- The time-distance between the mounting and the concreting should be as short as possible.