GIUNTO BT 100

Hydro-expansive joint based on sodium bentonite and butyl rubber

[info. **PRECAUTIONS**]

If the groundwater contains abnormal amounts of dissolved salts, seawater infiltration or pollutants, consult the PROIND technical office for clarification and any necessary preliminary analyses.
The GIUNTO BT 100 is suitable for concrete repairs with through reinforcing bars but not for movement joints.

[info. **PACKAGING**]

- Cardboard box containing 25 m of GIUNTO BT 100 in 5 m rolls
- 5 rolls per box

[info. **PHYSICAL CHARACTERISTICS**]

Dimensions	Section: 20x25 mm - Length: 5 m
Color	Black
Expansion	up to 300%
Stretching	up to 300%
Pressure resistance	8 bar (80 m water column)
Specific gravity	1,5 g/cm^3 (according to ASTM D71)
Installation temperature	-15 °C / +60 °C
Operating temperature	-45 °C / +120 °C

[info. **STORAGE**]

Packages must be stored in areas protected from sunlight and humidity.

GIUNTO BT 100 is a **joint sealant based on natural sodium bentonite and butyl rubber for sealing concrete joints**.

Fields of application

The GIUNTO BT 100 is used in concrete casting in reinforced concrete structures below the standard height to prevent water leakage through the discontinuity gap between the castings.

How to use

- Level the laying surface where necessary.
- Apply GIUNTO BT 100 at a minimum distance of 7 cm from the outside of the casting.
- To ensure continuity between two GIUNTO BT 100 joints, place them side by side for at least 5 cm.
- Nail every 30 cm.
- If necessary, use a metal confinement mesh.

Advantages

- Ability to re-expand to its maximum expansion level without losing consistency and therefore without the risk of the bentonite gel being washed away.
- Delayed expansion for installation even in difficult weather conditions (minimal expansion in the first 48 hours).
- The bentonite and butyl rubber compound can come into contact with drinking water without causing any pollution problems.

Important

Avoid using spacers below the kerb installation level or resting on it. Therefore, start the reinforcement panels with a raised lining and not directly from the bottom of the casting.