08.4 HYDRO-EXPANSIVE BENTONITE JOINT, BASED OF NATURAL SODIUM BENTONITE

TECHNICAL DATA

Exterior Appearance	Cord of natural sodium bentonite
Composition	75% natural sodium bentonite 25% butyl rubber and aggregates
Specific weight	from 1.4 to 1.5 kg. / dm^3
Expansion volume	> 500%
Tightness	equal to approximately 6 bar of hydrostatic pressure
Application temperature	from -15 ° C to + 50 ° C
Leaching of toxic substances into water	none
Colour	black
Dimensions	20x25 mm.

ART.	⌀ mm.	ROLLS	PACKAGE
862	25x20	L/M 5	L/M 30

ART.		SIZE	PACKAGE
864	Assembly mesh with nails	L/M 1	L/M 20

The **HYDRO-EXPANSIVE BENTONITE JOINT** is distinguished by its strong, fast and reliable swelling.
Composed primarily of 75% Natural Sodium Bentonite, 25% Butyl Rubber and aggregate, it is used for sealing hydraulic construction joints in concrete. In contact with water it increases its volume filling the pour joints between sections and any small voids in the gravel, often found on the bottom of the vertical caused by the shrinkage of concrete in insufficient vibration. It offers a perfect way seal to the passage of water.

USES:
- In situ concrete pouring.
- Horizontal joint waterproofing.
- Vertical waterproofing, wall to wall.
- Civil construction, special solutions.

ADVANTAGES:
- Simple to installing.
- Complete with accessories for fixing.
- Ease of work.
- No waste.

INSTALLATION METHOD

- The concrete should be preferably dry, smooth and free from dust.
- The profile is applied in the middle of the seam with an interspace of about 8 cm both with the external and internal armor, in order to absorb the pressure exerted by expansion.
- The wire cage cannot be used on vertical walls.
- For perfect installation, fix approximately every 20/25 cm with steel nails. Always ensure a side by side positioning with at least a 10 cm overlap between profile and profile, do not overlap the ends.