

BENTOP

HYDRO-EXPANSIVE BENTONITE
WATERSTOP



PRODUCT SHEET

DESCRIPTION

BENTOP is a hydro-expansive sealing strip based on natural sodium bentonite. In contact with water, it expands volumetrically, sealing construction joints, cold joints and interruptions in concrete casting. It ensures long-lasting waterproofing performance and is suitable for underground structures, foundations and precast elements.

FIELDS OF APPLICATION

- Sealing of construction joints in concrete;
- Sealing of cold joints between casting phases;
- Joints between foundation slabs and vertical walls;
- Waterproofing of precast concrete structures;
- Underground structures and retaining walls;
- Tanks, lift pits, tunnels and basements.

PRODUCT DATAS

Composition	Sodium bentonite + elastomers
Appearance	Flexible rectangular strip
Color	Dark brown / black
Expansion in water	Up to 300% volume increase
Resistance to hydrostatic pressure	High (for underground structures)
Application temperature	+5°C to +35°C
Service temperature	-20°C to +50°C

APPLICATION

PRODUCT APPLICATION

Substrate must be clean, compact, and free of dust, laitance, oils, and debris. Apply BENTOP directly on the surface using mechanical fixings (nails with washers) or specific adhesive. Position the strip continuously and avoid interruptions. Overlap strip ends by at least 5 cm. Reinforce corners and critical points with additional sections.

STORAGE

Store in a dry area, protected from moisture and direct sunlight. Shelf life: 12 months in original packaging.

WARNINGS

- Do not install on wet surfaces;
- Do not expose the product to rain before casting;
- Protect the strip during installation to avoid premature expansion;
- Not suitable as a surface-applied membrane;
- Not suitable for expansion joints.



Date 15/10/2025

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HEALTH AND SAFETY

Refer to the latest Safety Data Sheet for instructions on handling, storage and disposal. Do not release product or empty containers into the environment.

For PROFESSIONAL USE ONLY.

LEGAL NOTICE

The information and recommendations given above, although they correspond to our best experience, must in any case be considered purely indicative and must be confirmed by exhaustive practical applications. Therefore, before using the product, anyone who intends to make use of it must determine whether it is or is not suitable for the intended application and, in any case, assumes all responsibility that may arise from its use. Always refer to the latest updated version of the technical data sheet, available on the website btechitalia.eu.

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