

TECHNICAL DATA SHEET - SWELLING TAPE HYDRA BENTOBAR+ SW

DESCRIPTION

Bentobar+ SW (Saltwater) is a swellable waterstop based on high-quality butyl rubber and sodium bentonite. The product is specifically developed for sealing concrete structures in contact with seawater or contaminated water.

Bentobar+ SW maintains its shape even after three repeated wet/dry cycles (certified according to MPA). Some leaching may occur after repeated exposure, which helps to fill pores and microcracks in the surrounding concrete



KEY FEATURES

- User-friendly and easy to install
- High dimensional stability after repeated wet/dry cycles
- Tested for water pressure up to 5 bar
- Specifically designed for sealing against saltwater and/or contaminated water
- Gradually fills and seals minor cracks and surface irregularities in the concrete
- Resistant to a wide range of chemicals

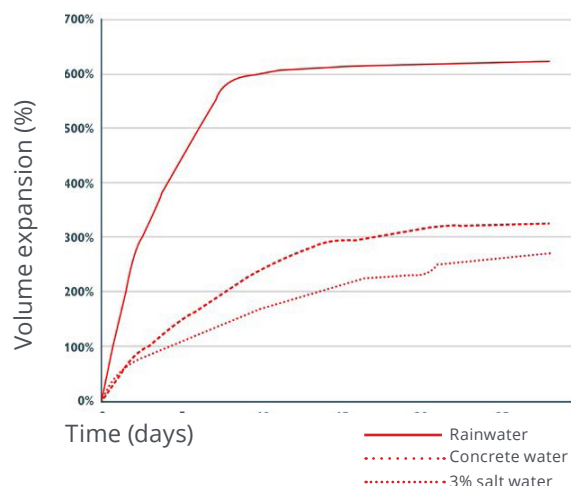
TECHNICAL INFORMATION

DESCRIPTION	VALUE
Colour	Red
Density	1,4 g/cm ³
Swelling pressure (encapsulated)	>0,51 N/mm ²
Resistance to hydrostatic pressure	Up to 5 bar
Bending radius (corners)	50 mm
Temperature range	0°C to +50°C
Volume expansion in rain water	>550%
Volume expansion in concrete water	>350%
Volume expansion in 3% salt water	>250%
Chemical resistance*	Good

*= Limited resistance to aromatic oils, vegetable oils, fuels, and strong solvents. Contact us for more information.

INSTALLATION

- **Not intended for expansion joints**
- **Never install a swelling tape that is damaged or have already expanded**
- Apply on a smooth, dust-free concrete surface
- Fix in place using fixing glue or fixing mesh+nails
- Avoid any contact with water before casting to prevent premature swelling
- Do not install during rain or when rain is expected
- Install between the outer and inner reinforcement
- Minimum concrete cover should be 7-8 cm on each side
- Joints must be square-butt and tight but without overlapping each other



RANGE OF ARTICLES

Item.nr	Description	Length (m)	Units/pcg	Unit
1111007	Swelling Tape HyDra Bentobar+SW 20x25MM	5,0	30	m

ENVIRONMENTAL & SUSTAINABILITY



BVB ID
161325

STORAGE

Store at temperatures between +5 °C and +25 °C, in a cool, dry place and in the original packaging.
MUST NOT COME INTO CONTACT WITH WATER.