

HYDROSTOP + is a hydrophilic, expansive rubber waterstop for the sealing of concrete construction, concrete-steel joints and underground precast elements. Free swelling: 500%.

HOW DOES HYDROSTOP + WORK?

Concrete construction joints can show fine cracks or cavities during the natural curing process. This could cause water to infiltrate into the concrete. In contact with water, HYDROSTOP + will swell up to 500% of its initial volume and make the construction waterproof. Also cavities and fine cracks are efficiently sealed.

HYDROSTOP + retains its shape after multiple dry/wet cycles (MFPA certificates) and has good resistance to wide range of chemicals (chemical resistance list).

HYDROSTOP + is glued with HYDROSTOP ADHESIVE polyurethane glue for levelling and gluing purposes.

CHARACTERISTICS AND BENEFITS

- Multiple reversible expansive properties in contact with fresh and salt water.
- Can be used in combination with salt water.
- Safe and easy installation with nails (25 cm interval) or HYDROSTOP ADHESIVE glue.
- High flexibility and swelling capacity ensure absorption of movement in the construction.
- Good chemical resistance.

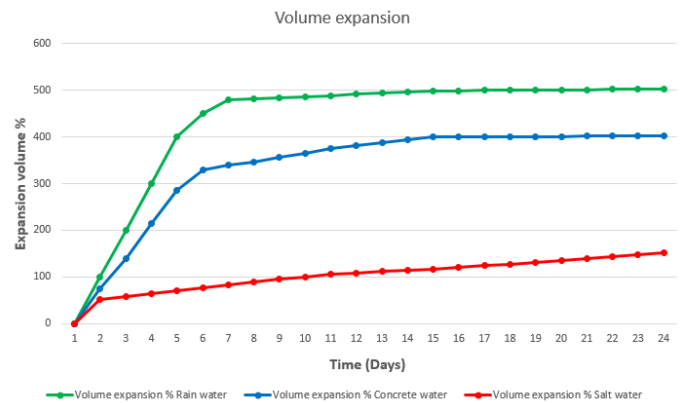
APPLICATION PRESCRIPTIONS

The HYDROSTOP + system functions efficaciously when the application instructions are observed. Make sure the concrete is dry, smooth and free of dust or any other contaminants. Glue HYDROSTOP + with HYDROSTOP ADHESIVE polyurethane glue in the middle of the construction joint, observing a free space of about 6 cm at both sides of the inner and outer rebars to absorb pressure during swelling. Or alternatively nail HYDROSTOP + with 25 cm intervals. Do not install in overlap but by simply butting together the roll ends. Though HYDROSTOP + is supplied with a water retardant coating, it is recommended not to install the system during heavy rainfall to avoid premature swelling before pouring the vertical concrete walls.

TECHNICAL DATA

Specific density	1.22 g/cm ³
Swelling in rain water	500 %
Swelling in concrete water	400 %
Swelling in salt water	150 %
Hardness	35 shore A
Tensile strength	> 2 N/mm ²
Elongation at break	> 400 %
Installation	Between temperatures -15°C to 50°C
Hydrostatic pressure	6 bar
Colour	Blue
Dimensions	20 x 10 mm; 20 x 5 mm; other dimensions available on request

GRAPHIC



CONSUMPTION

Calculate the quantity necessary in function of the lengths of the construction joints. Make sure the two ends of a roll meet nicely.

PACKAGING

- **Box**
HYDROSTOP + 20 x 10 mm: 7 x 10 m
HYDROSTOP + 20 x 5 mm: 5 x 10 m
- **Pallet**
HYDROSTOP + 20 x 10 mm: 2100 m (30 boxes)
HYDROSTOP + 20 x 5 mm: 3000 m (60 boxes)

HYDROSTOP + can be supplied under private label.

STORAGE

Store in a cool and dry place, on pallets in the original packing. Shelf life is minimum 2 years.

SAFETY AND HEALTH PRECAUTIONS

For more information, consult the safety data sheet.