



PRODUCT DESCRIPTION

WT STRIP is a waterstop tape based on AMPHIBIA copolymer in hydro-expansive EPDM, capable of sealing contact surfaces by pressure when water passes through. Thanks to its flexibility, it can also be applied to particularly articulated products or uneven surfaces.



PRODUCT APPLICATION

- Sealing of penetrations, concrete, metal and plastic pipes embedded in reinforced concrete
- Joint sealing of pipes, ducts, gullies, tanks, boxes and prefabricated concrete, fibre concrete or steel ditches
- To make gaskets between precast elements
- Internal sealing of discontinuous elements between contiguous concrete and/or steel surfaces

ADVANTAGES

- High hydro-expansive stability and capacity
- Flexible and easy to be fitted for the shape and size of structures to be sealed
- It can be drilled, cut and shaped to adapt to the structure
- More tapes can be hot-melted or bonded to increase the overall thickness
- Simplicity and speed of installation, pieces can be butt-welded on site (hairdryer)

PREPARATION AND APPLICATION Remove possible protuberances or cavities on the laying surface; possible presence of moisture does not affect the installation procedure.

Both contact surfaces must be free of major irregularities

How it works

In contact with water the WT STRIP tape hydrates and increases its initial volume up to 2 times, thus generating pressure on the contact surfaces that prevents the passage of water.

In the event that the presence of water is not constant, WT STRIP remains stably expanded due to even the smallest moisture gradients that can be found in underground environments.

Installation (ref. sketches FIG. 1 and FIG. 2)

Stretch the tape over the joint via the protective tape facing upwards, then remove it and fasten it by means of BI MASTIC or ULTRABOND (see relevant technical data sheets). In case of through elements, wrap them externally before casting with one or multiple tape edging, which can also be fastened via pipe clamps.

Join the ends of WT STRIP by simply joining the heads and seal via AKTI-VO 201 (see relevant technical data sheet), BI MASTIC or by heat (with hot air gun at 400 °C).

More tapes can be hot-melted or bonded to increase the overall thickness of the sealant, in this case the



WT STRIP

butt joints between the elements must be staggered.

WARNINGS - IMPORTANT NOTES Protect WT STRIP from contact with stagnant water before closing the connection or making the compacting casting.
PLEASE NOTE: For installations with contaminated terrains, sea water or for special design situations, contact the Volteco Technical Service.

PACKAGING AND STORAGE WT STRIP is available in the following formats:
WT S 30.05 is packaged in 15 m bags in 75 m box.
WT S 50.05 is packaged in 15 m bags in 45 m box.
The products must be stored in a dry place protected from sun and humidity.

PHYSICAL AND TECHNICAL SPECIFICATIONS

Specification	Values
<i>Dimension</i>	30x5 mm 50x5 mm
<i>Thickness</i>	5 mm
<i>Roll weight 30x5 mm</i>	2.5 kg approx.
<i>Roll weight 50x5 mm</i>	4,0 kg approx.
<i>Volumetric expansion (7 days)</i>	200%

SAFETY Refer to the related Safety Data Sheet.

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ANNEXES

