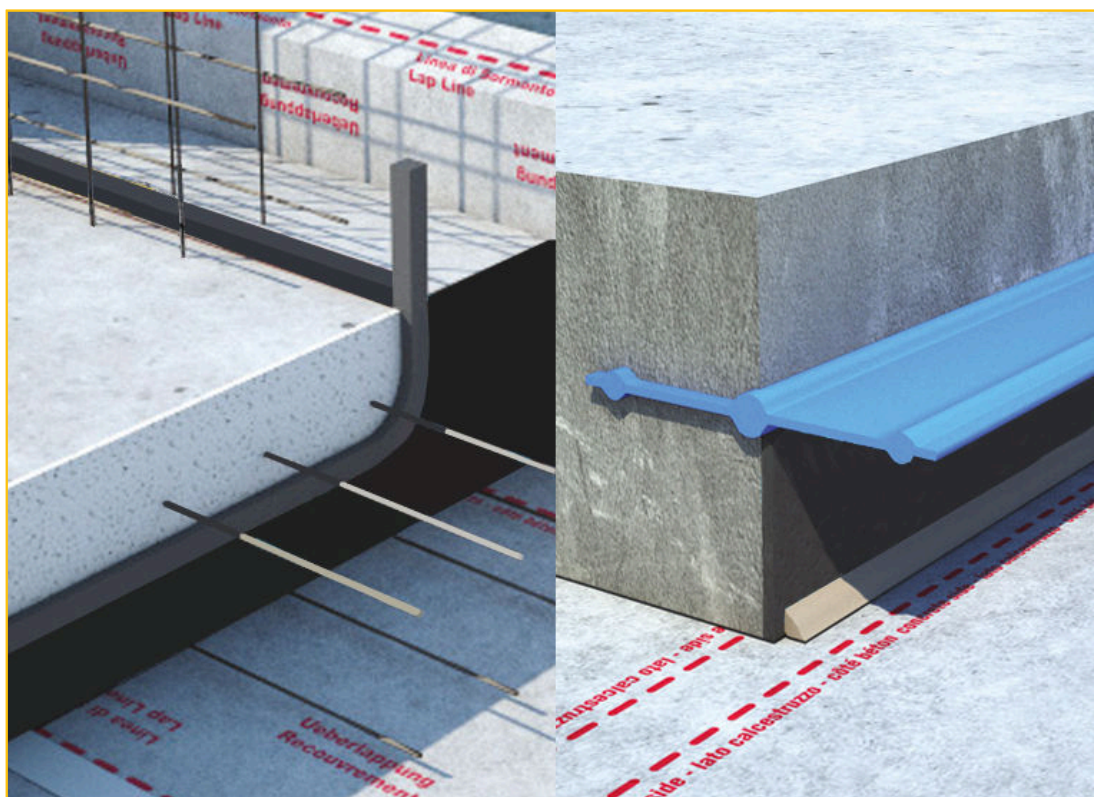




PRODUCT DESCRIPTION

WT PANEL is a modular waterstop panel based on AMPHIBIA copolymer in hydro-expansive EPDM, capable of adhering to the structure by pressure, effectively waterproofing it. Thanks to its flexibility, it can also be applied to particularly articulated products or uneven surfaces.



PRODUCT APPLICATION

- Waterproofing of expansion and contraction joints of underground reinforced concrete structures in combination with the WT EXPANSION hydro-expansive profile and synthetic profiles in general
- Reinforced concrete slab head waterproofing against provisional structures
- Extrados sealing of horizontal or vertical concrete construction joints
- Sealing of discontinuous elements between adjoining concrete and/or steel surfaces

ADVANTAGES

- High hydro-expansive stability and capacity
- Easy adaptation to the size of the structures to be waterproofed in correspondence of the expansion joint
- Can be bored, cut and shaped to fit the structure
- Can be hot-melt coupled or bonded to increase overall thickness
- Simple and rapid application

PREPARATION AND APPLICATION Eliminate any protrusions or cavities on the panel application surface, humidity does not hinder application.

How it works

When in contact with water, the WT PANEL hydrates thereby doubling the initial volume, thus contributing to the hydraulic seal of the joint.

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

Applications in technical joints in combination with WT EXPANSION profiles (see detail FIG. 1)

Apply the panels along the joint surface using the BI MASTIC (see relative data sheet) adhesive and nails with FIX 5 washers, join the elements by simply placing the heads next to each other and seal with AKTI-VO 201 (see relative data sheet).

Make a connection fillet with AKTI-VO 201 at the foot of the panels.

Proceed with the installation of the profile WT EXPANSION (see related technical datasheet).



WT PANEL



Applications in technical joints in combination with PVC profiles (see detail FIG. 2)

Apply the panels along the joint surface, taking care to place the panel head next to the PVC joint profile, using the BI MASTIC adhesive and nails with special FIX 5 washers, join the elements by simply placing the heads next to each other and seal with AKTI-VO 201.

Make a connection fillet with AKTI-VO 201 at the foot of the panels.

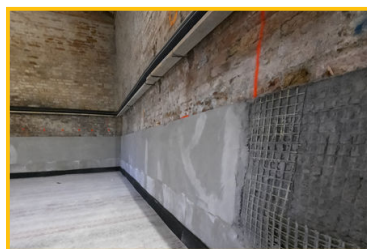
Installation on reinforced concrete slab head against provisional structures (see detail FIG. 3) or on the extrados of horizontal or vertical concrete construction joints (see detail FIG. 4)

Install the panels along the slab head or on the extrados on the construction joint, securing them to the support with nails or with BI MASTIC, join the items by simply uniting the heads and seal with AKTI-VO 201.

The thickness of the product can be doubled by applying a double panel, in which case the head joints between the elements must be staggered.

Watch the product video

YOUTUBE VIDEO



References available at www.volteco.com

WARNINGS - IMPORTANT NOTES

Protect WT PANEL from contact with standing water in case of excessive delay of confining with cast concrete.

PLEASE NOTE: For installations with contaminated terrains or for special design situations (e.g. large joints), contact the Volteco Technical Service

PACKAGING AND STORAGE

WT PANEL is packed in boxes with 10 panels, for a total length of 12 m. The products must be stored in a dry place protected from sun and humidity.

PHYSICAL AND TECHNICAL SPECIFICATIONS

Specification	Values
Dimension	120x25 cm
Thickness	5 mm
Surface area	0.3 m ²
Weight	about 1.6 kg circa per panel
Volumetric expansion (7 days)	200%

SAFETY

Refer to the related Safety Data Sheet.

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LEGAL NOTES

Note for buyer/installer:



WT PANEL

This document prepared by Volteco S.p.A. is provided as an aid and guideline for the buyer/installer. This does not take into consideration the details of each single operational context, for which Volteco S.p.A. will not be held liable. This does not change and does not extend the obligations of Volteco S.p.A. It may vary and the installer is therefore required to update his/her information prior to each application by referring to www.volteco.com. The above clarifications extend to the pre-post-sales technical/commercial information of the commercial network.

ANNEXES





WT PANEL

