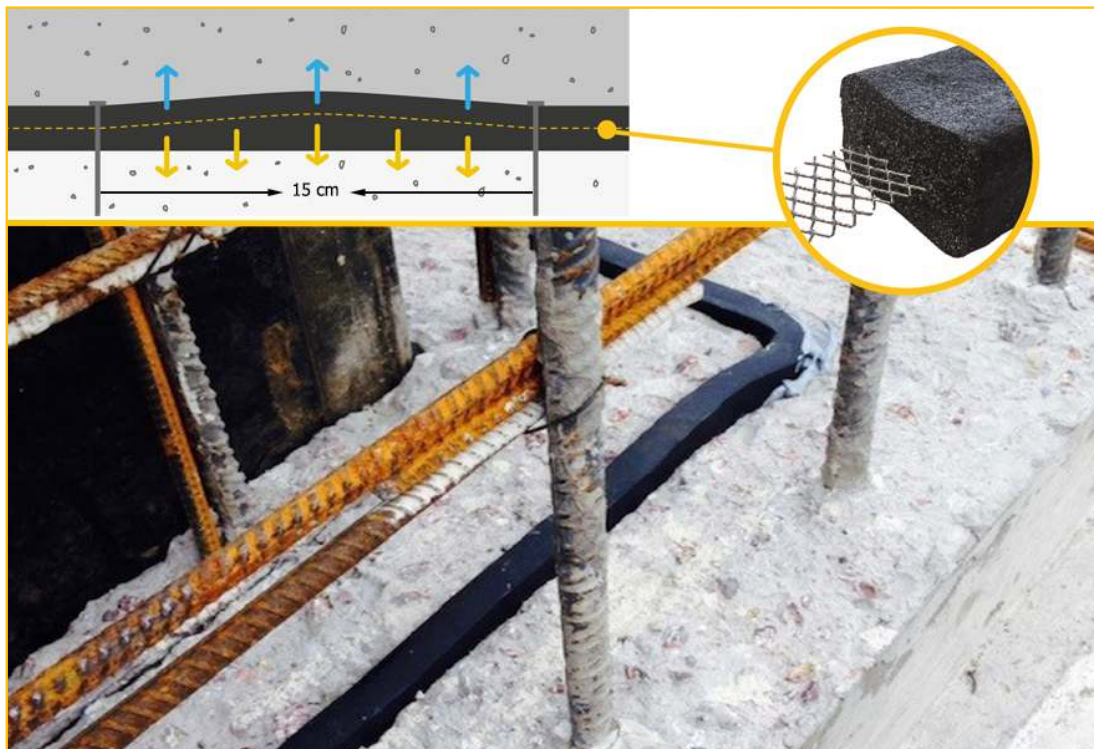




PRODUCT DESCRIPTION

WT CONSTRUCTION is a HYDROESPANSIVE profile based on EPDM rubber, reinforced in the centre with a COUPLED steel mesh that stabilises and directs volumetric expansion.



PRODUCT APPLICATION

- To seal vertical and horizontal concrete construction joints

ADVANTAGES

- Perfect sealing and high resistance to hydraulic load
- Excellent dimensional stability even when the volume increases due to premature contact with water. The profile maintains the density
- Excellent adhesion to the substrate even during casting, adhesion increases as expansion increases in contact with water
- Quick and easy application by simply nailing

PREPARATION AND APPLICATION Even out the fresh concrete along the profile application site with a straight edge or trowel. Lay WT CONSTRUCTION on the application surface, previously cleared of dust and loose material, with the protective paper facing upwards, then remove it and fasten the profile with the nails provided every 15 cm.

The joints are butt sealed with heat (hairdryer) or by bonding with BI MASTIC or AKTI-VO 201.

How it works

WT CONSTRUCTION, in contact with water, can increase the initial volume by up to 5 times while maintaining the density and adapting the shape to the small gaps that are often present in concrete castings.

WT CONSTRUCTION ensures the sealing of construction joints, even when subjected to considerable hydraulic pressure.



References available at www.volteco.com



WT CONSTRUCTION

PACKAGING AND STORAGE

WT CONSTRUCTION is available in the following formats:

WT C 20.10 is packaged in a cardboard box containing 30 m complete with nails for fastening.

WT C 25.15 is packaged in a cardboard box containing 21 m complete with nails for fastening.

The products must be stored in a dry place protected from sun and humidity.

WARNINGS - IMPORTANT NOTES

WT CONSTRUCTION cannot be used as a dilatation joint.

WT CONSTRUCTION must be used on walls that are thick enough to guarantee a minimum cover of 8 cm on the sides.

WT CONSTRUCTION must be placed on to the application surfaces, making sure that no material remains between the product and the surface.

Spacers or tie rods of the vertical casting must be placed at a minimum distance from the horizontal plane, of no less than 5÷10 cm.

PLEASE NOTE: Contact the Volteco Laboratory for any preventive tests when applying the product in the presence of water with a high salt concentration.

PHYSICAL AND TECHNICAL SPECIFICATIONS

Specification	Values
Specific weight	1.02 g/cm ³
Application temperature	-15 °C +50 °C
Colour	black
Feature	Values
Dimensions	20x10 mm 25x15 mm
Expansion due to contact with water (7 days)	> 500%
Hydraulic seal	No passage up to 700 kPa
Hydraulic seal on 5 mm crack with expansion of 100%	No passage up to 150 kPa

SAFETY

Refer to the related Safety Data Sheet.

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LEGAL NOTES

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