

# WT EXPANSION

Supply and installation of hydro-expansive gasket based on AMPHIBIA copolymer in EPDM with high resistance to hydraulic load that creates an excellent seal of expansion and contraction joints, including deteriorated, in any reinforced concrete structure.

Thanks to its great flexibility, it can also be applied to particularly articulated or irregular structures.

The product must be used for:

- To seal expansion and contraction joints in every kind of reinforced-concrete structure (rooms, underground, channels, tanks, pools, etc)
- To set-up seals between reinforced concrete or metal prefabricated elements for hydraulic works
- To set-up seals for reinforced concrete or metal piping

The material must have the following characteristics:

Specification	Values
<i>Specific weight</i>	1.02 g/cm <sup>3</sup>
<i>Application temperature</i>	-15°C +50°C
<i>Colour</i>	black
<i>Dimensions</i>	20x20 mm (± 10%) / 30x30 mm (± 10%)
<i>Expansion due to contact with water (7 days)</i>	> 200%
<i>Hydraulic seal on 10 mm joint</i>	No passage up to 400 kPa

Type of profile	Max initial opening	Further consecutive movement up to a hydraulic pressure of 100 KPa
WT E 20.20 (20X20 mm)	10 mm	5 mm
WT E 30.30 (30X30 mm)	20 mm	10 mm

as well as Wt Expansion Volteco or a product with equal or superior characteristics.

The technical data must be supported by test certification issued by an accredited official laboratory and / or be subjected to quality control according to ISO 9001.

For further details on the individual products and installation specifications, refer to the relevant technical data sheets which can be downloaded in the updated version on the website [www.volteco.com](http://www.volteco.com).