

WT 102

Supply and installation of hydro-expansive joint based on natural Sodium Bentonite and butyl rubber that seals construction joints in reinforced concrete structures, also in the presence of strong water pressure.

The product must be used for:

- To seal vertical and horizontal concrete construction joints
- To seal passing bodies embedded in the concrete castings

The material must have the following characteristics:

Specification	Values
Mixture composition (in weight)	25% butyl rubber 75% Sodium Bentonite
Specific weight	1.6 g/cm ³
Application temperature	-15 °C +50 °C
Dimensions	25x20 mm
Expansion due to contact with water (4 days)	> 270%
Expansion due to contact with water	701%
Swelling strain in total confinement	966 kPa at 1000 hours
Swelling strain in sea water with total confinement	978 kPa at 1000 hours
Hydraulic seal on 5 mm crack with expansion of 100%	No passage up to 100 kPa

as well as Wt 102 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.