

# AMPHIBIA 3000

Supply and installation of an EPDM waterproofing membrane, water-reactive, self-repairing and self-sealing.

The membrane must be composed of a continuous coextruded multilayer polymeric mantle, with differentiated functionality for a total watertight seal of the underground structures from water infiltrations.

The product must be used for:

- Waterproofing and protection of concrete underground structures, such as residential and industrial buildings, shopping malls, public works etc. which require close and continuous contact between the waterproofing product and the structure (foundation walls). It can also be used in other structures such as channels, tanks, purification systems, tunnels, etc...
- Anti-damp protection for concrete structures built at ground level such as underfloor screeds

The material must have the following characteristics:

Specification	Test method	Values
Mass per unit area	UNI EN 1849-2	1.6 ± 0.2 kg/m <sup>2</sup>
Thickness	UNI EN 1849-2	1.4 ± 0.2 mm
Water tightness	UNI EN 1928 B (700 KPa/24 hrs)	No passage
Transverse and longitudinal resistance to tearing	UNI EN 12310-1	Longitudinal: >250 N Transversal: >200 N
Tensile strength	UNI EN 12311-2 (A method)	Longitudinal: >300 N/50mm Transversal: >250 N/50mm
Elongation at breaking point	UNI EN 12311-2 (A method)	Longitudinal: > 500% Transversal: > 500%
Shear resistance of joints with BI MASTIC	UNI EN 12317-2	234 N

as well as Amphibia 3000 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).