

BI FLEX SYSTEM

Supply and installation of waterproof elastomeric terpolymer tape combined with a two-component epoxy adhesive for the treatment of joints and cracks.

The system must have a minimum thickness of 1 mm depending on the type of application chosen.

The product must be used for:

- To apply a waterproof sealing on joints and cracks
- To seal construction joints
- Connect adjoining surfaces of joints, structures in general or prefabricated elements
- Sealing of discontinuous elements for water and/or air tightness

The material must have the following characteristics:

Specification	Test method	0.5 mm thickness - Positive pressure water	1 mm thickness - Positive/negative pressure water	1.5 mm thickness - Positive/negative pressure water
Concrete peeling resistance (180 °)	ASTM D 903	> 0.5 kN/m	> 1.5 kN/m	> 1.5 kN/m
Positive pressure water resistance on open joint*	Int. method	2 cm: 1.5 bar	1 cm: 3 bar 2 cm: 3 bar	-
Negative pressure water resistance on open joint*	Int. method	-	1 cm: 1 bar 2 cm: 0.5 bar	2 cm: 1 bar
Adhesion to damp concrete	UNI EN 13578	> 2.0 N/mm ²	> 2.0 N/mm ²	> 2.0 N/mm ²

Specification

Suitability for contact with drinking water
Determination of global migration D.M. 174
of 06/04/2024

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as well as Bi Flex System 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.