

# BI MORTAR CONCRETE SEAL

Supply and installation of cementitious waterproofing with crystalline cross-linking applied in a double coat by brush with a minimum thickness of 2 mm.

The product must be used to waterproof concrete or masonry surfaces, under or above ground, such as wells, basins, pools, channels, foundation walls, cellars and elevator pits.

The material must have the following characteristics:

EC Certification according to EN 1504-2:2005

Specification	Test method	Values
<i>Bond strength</i>	UNI EN 1542	2.65 MPa
<i>Capillary absorption</i>	UNI EN 1062-3	0.002 kg*m <sup>-2</sup> *h <sup>-0.5</sup>
<i>Water vapour permeability (equivalent thickness: Sd)</i>	UNI EN 7783-2	SD = 1.06 m
<i>Compression strength</i>	UNI EN 12190	> 10 Mpa (1 gg) > 25 Mpa (7 gg) > 30 Mpa (28 gg)

Feature	Certifying body	Test method	Certified performance (**)
<i>Impermeability in negative pressure (concrete structure Water/Concrete: 0.7)</i>	IMM SA (Switzerland)	UNI EN 12390-8	9 Bar: no passage
<i>Resistance to severe chemical attack</i>	SOCOTEC ITALIA SRL	UNI EN 13529	Reduction in hardness (Shore D): < 2%

as well as Bi Mortar Concrete Seal 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.

The product must have the CE marking and be used according to the manufacturer's prescriptions.

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).