

# BI MORTAR PLASTER SEAL

Supply and installation of fiber-reinforced coating plaster with waterproof function applied in two layers, with a minimum thickness of 1.5 cm up to 4 cm depending on the type of use.

The product must be used for the waterproof coating of a suitable thickness even in conditions of negative hydraulic pressure, when no movements and / or settlements of the treated structures are foreseen.

The material must have the following characteristics:

EC Certification according to UNI EN 1504-3:2006

Specification	Test method	Values	
<i>Specific weight</i>		> 1.9 kg/l	
<i>Compressive strength after 28 days</i>	UNI EN 196-1	> 40.2 MPa	
<i>Flexural strength after 1 day</i>	UNI EN 196-1	> 2.5 MPa	
<i>after 7 days</i>		> 5.0 MPa	
<i>after 28 days</i>		> 6.5 MPa	
<i>Adhesion to the concrete</i>	UNI EN 1542	2.7 MPa	
<i>Compressive modulus of elasticity after 28 days</i>	UNI EN 13412	23.6 GPa	
<i>Capillary absorption coefficient</i>	UNI EN 13057	0.43 kg*m <sup>-2</sup> *h <sup>-0.5</sup>	
<i>Slipping resistance</i>	UNI EN 13036-4	Dry: class II Wet: class III	
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	7 Bar: no passage

as well as Bi Mortar Plaster 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.

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).