

# BI MORTAR PLASTER SEAL

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

The product must be used for:

- For underground structures made of either concrete or mixed material
- To waterproof skirting at the foot of the plaster
- To repair diaphragms with a reinforcement mesh being interlaid

The material must have the following characteristics:

EC Certification according to EN 1504-3:2006

Specification	Test method	Values	
Specific weight		> 1.9 kg/l	
Compressive strength after 28 days	UNI EN 196-1	> 40.2 MPa	
Flexural strength	UNI EN 196-1		
after 1 day		> 2.5 MPa	
after 7 days		> 5.0 MPa	
after 28 days		> 6.5 MPa	
Adhesion to the concrete	UNI EN 1542	2.7 MPa	
Compressive modulus of elasticity after 28 days	UNI EN 13412	23.6 GPa	
Capillary absorption coefficient	UNI EN 13057	0.43 kg*m <sup>-2</sup> *h <sup>-0.5</sup>	
Slipping resistance	UNI EN 13036-4	Dry: class II Wet: class III	
Feature	Certifying body	Test method	Certified performance (**)
Impermeability in negative pressure (concrete structure Water/Concrete: 0.7)	IMM SA (Switzerland)	UNI EN 12390-8	7 Bar: no passage
Radon diffusion coefficient	CZECH TECHNICAL UNIVERSITY IN PRAGUE	ISO/TS 11665-13	1,4 E-10 m²/s

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.

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).