

PLASTIVO 250

Supply and installation of waterproof coating featuring high elasticity and versatility of use to waterproof surfaces subject to positive and negative hydrostatic pressure, applied in a double coat with a minimum thickness of 2 mm.

The product must be used for waterproofing in positive and negative hydrostatic pressure of concrete structures, concrete blocks or mixed masonry previously regularized with suitable Volteco mortars, subjected to moderate settlements and / or movements.

The material must have the following characteristics:

EC Certification according to EN 1504-2

EC Certification according to EN 14891

Certification according to EN 11928 Standard

Specification	Test method	Values
<i>Bond strength</i>	UNI EN 1542	1.08 MPa
<i>Water vapour permeability (equivalent thickness: Sd)</i>	UNI EN 7783-2	Sd 14.76 m
<i>Permeability to CO₂ (equivalent thickness Sd)</i>	UNI EN 1062-6	Sd 113 m
<i>Crack Bridging Ability</i>	UNI EN 1062-7 (static method)	Class A4 1.6 mm
<i>Crack Bridging Ability (product + Xnet mesh)</i>	UNI EN 1062-7 (static method)	Class A5 2.8 mm
<i>Crack Bridging Ability (product + Flexonet mesh)</i>	UNI EN 1062-7 (static method)	Class A5 3.6 mm
<i>Water impermeability</i>	UNI EN 14891 Met. A.7	150 KPa
<i>Impermeability in negative pressure (concrete structure Water/Concrete: 0.7)</i>	UNI EN 12390-8	5 Bar: no passage

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	5 Bar: no passage
<i>VOC content</i>	Eurofins 392-2015-00130901	Directive 42/2004/EC ISO 11890-2 ASTM D 6886-12	1.5 g/l
<i>Radon diffusion coefficient</i>	CZECH TECHNICAL UNIVERSITY IN PRAGUE	ISO/TS 11665-13	1,6 E-11 m ² /s

Specification	Certification
<i>Suitable for contact with drinking water (Italian Ministerial Decree 174 of 06/04/2004: global transfer)</i>	ELLETIPI Srl Report n° 28754/15
<i>Suitable for use with water in domestic waste water purifiers</i>	ELLETIPI Srl Report n° 14420/15
<i>Tanks and water reserves waterproofing approval</i>	SOCOTEC FRANCE S.A. Report (ETN) n° 240368080000031 (30/06/2029)

as well as Plastivo 250 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.