**SPECIFICATIONS**

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**

**Bond strength (UNI EN 1542):** 1.08 MPa

**Water vapour permeability (UNI EN 7783-2 – equivalent thickness Sd):** Sd 14.76 m

**Permeability to CO2 (UNI EN 1062-6 – equivalent thickness Sd):** Sd 113 m

**Crack Bridging Ability (UNI EN 1062-7 – static method):** 1.6 mm (Class A4)

**Crack Bridging Ability (product + Flexonet mesh) (UNI EN 1062-7 - static method):** 3.6 mm (Class A5)

**Crack Bridging Ability (product + rete Xnet mesh) (UNI EN 1062-7 – static method):** 2.8 mm (Class A5)

**Water impermeability (UNI EN 14891 Met. A.7):** 150 KPa

**Feature Certifying body Test method Certified performance**

**Impermeability in negative pressure (concrete structure Water/Concrete: 0,7), IMM SA (Switzerland), UNI EN 12390-8:** 5 Bar no passage

**VOC content, Eurofins 392-2015-00130901, Directive 42/2004/EC ISO 11890-2 - ASTM D 6886-12:** 1.5 g/l

**Radon diffusion coefficient, CZECH TECHNICAL UNIVERSITY IN PRAGUE, ISO/TS 11665-13:** 1.6 E-11 m²/s

**National approvals, Certifying body, Certificate**

**Suitable for contact with drinking water (Italian Ministerial Decree 174 of 06/04/2004: global transfer), ELLETIPI Srl:** Report n° 28754/15

**Suitable for use with water in domestic waste water purifiers, ELLETIPI Srl:** Report n° 14420/15

**Tanks and water reserves waterproofing approval, 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.

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