

PLASTIVO 180

Supply and installation of polymer-modified two-component thixotropic flexible waterproofing coating with CORE CURING TECHNOLOGY for an effective curing both in presence of low temperatures and partially damp surfaces, applied in a double coat with a minimum thickness of 2 mm.

The product must be used to waterproof masonry or reinforced concrete surfaces subjected to small settlements and / or movements in negative / positive hydrostatic thrust.

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	≥ 0.89 MPa
Water vapour permeability (equivalent thickness: Sd)	UNI EN 7783-2	Sd 3.2 m
Permeability to CO ₂ (equivalent thickness Sd)	UNI EN 1062-6	Sd 102 m
Crack Bridging Ability	UNI EN 1062-7 (static method)	Class A4 1.3 mm
Crack Bridging Ability (product + Flexonet mesh)	UNI EN 1062-7 (static method)	Class A5 3.1 mm
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	8 Bar: no passage
VOC content	Eurofins 392-2017-00479601	Directive 42/2004/EC ISO 11890-2 ASTM D 6886-12	1 g/l
Radon diffusion coefficient	CZECH TECHNICAL UNIVERSITY IN PRAGUE	ISO/TS 11665-13	1,4 E-10 m ² /s
National approvals	Certificate		
Suitable for contact with drinking water (Italian Ministerial Decree 174 of 06/04/2004: global transfer)	ELLETIPI Srl Report n° 14743/15		
Tanks and water reserves waterproofing approval	SOCOTEC FRANCE S.A Report (ETN): n° 240368080000031 (30/06/2029)		
Environmental Product Declaration 0298 (EPD)	EPDItaly 0298 (30/05/2027) www.epditaly.it		

as well as Plastivo 180 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.