



SISTEMI INNOVATIVI

REV. 355018

COVER EVOLUTION

Innovative single-component waterproofing membrane ready in paste form

CHARACTERISTICS

COPER EVOLUZIONE is a single-component, innovative, ready-to-use, paste-based waterproofing membrane based on synthetic resins in water dispersion, selected aggregates and hydrophobic additives.

It is also an easy-to-apply product and ensures high filling and adhesion power to the substrate, suitable for both horizontal and vertical use.

Once dry, **COPER EVOLUZIONE** forms a waterproof, elastic and walkable coating, resistant to UV rays and atmospheric agents.

FIELDS OF USE

It is ideal for waterproofing terraces, balconies, basements, foundations and bathrooms.

It can be applied, if appropriately reinforced with **VELO VITA** or **VELO VITA EXTRA**, even on surfaces already protected with bituminous sheaths, provided they are consistent, attached to the substrate and clean.

COPER EVOLUZIONE can be applied before laying ceramic, natural stone and mosaic floors and coverings.

Thanks to its strong adhesion power, it is also suitable for applications on wooden or sheet metal roofs.

PREPARATION OF THE SUPPORT

It is extremely important that the surface to be waterproofed is perfectly dry, not subject to water stagnation, very clean, free of flaking or separating parts, free from oils, greases, mould, paints, etc.

HOW TO USE

Mix the product well before application.
Then apply with a brush, roller or spray both horizontally and vertically in at least two coats, spaced at least 24 hours apart. Before the sheathing, to ensure total continuity and waterproofing of the system, apply the accessories

GIUNTO BOND (elastic waterproof band), **ANGOLARE B10** (right elastic waterproof angle) and **ANGOLARE B11** (left elastic waterproof angle), in correspondence with the wall/parapet connection with the floor and the expansion joints.

It can be armed with **FINE PB FIBERGLASS NETWORK** primed or with **VELO VITA** or **VELO VITA EXTRA** in polyester fibres, drowning them in the first fresh coat of **COPER EVOLUZIONE**.

WARNINGS

- Do not add water to the product.
- For new interventions, prepare the screed with appropriate slopes to avoid water stagnation; for interventions on existing supports, however, check the slopes before applying **COPER EVOLUZIONE**.
- Suitably armed with **VELO VITA**, it is possible to apply **COPER EVOLUZIONE** on bituminous sheaths only if the latter are consistent, attached to the substrate and clean.
- Do not apply on damp surfaces.
- Avoid applying below 5°C and above 35°C.
- Do not apply in strong sun, strong wind, threat of rain or rain.
- Protect from accidental rain in the first 24 hours after installation, making sure that the temperature never reaches 0°.
- In the presence of high environmental humidity, the hardening and drying times are significantly extended.
- On old or very absorbent substrates, we recommend using our **VIDUEST** high penetration primer or **2C OSMOTIC MORTAR** (A+B) beforehand.
- Do not use for painting tanks intended to contain drinking water.
- Fears the frost.

BOLLETTINO TECNICO



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SPECIFICATION ITEM

Waterproofing membrane, single-component, innovative, ready to use, in paste, elastic, walkable, resistant to UV and atmospheric agents, based on synthetic resins in aqueous dispersion, selected aggregates and hydrophobic additives, white or coloured, easy to apply, with high filling power and adhesion to the substrate, suitable for both horizontal and vertical use, ideal for waterproofing terraces, balconies, basements, foundations and bathrooms, also suitable for the subsequent laying of floors and coverings in ceramic, natural stone, mosaic, etc. and for applications on wooden roofs, sheet metal, etc., with a consumption of 1.3/1.6 kg per m² for two coats, type **COPER EVOLUZIONE BUFFA**.

TECHNICAL DATA

DILUTION	- ready to use
COMPOSITION	- synthetic resins in aqueous dispersion - selected aggregates - hydrophobic additives
BROOKFIELD VISCOSITY	185.000 CPS $\dot{\gamma}$ 2000
PH	8,1 ~ 9,0
DRY RESIDUE	75 %
COLOR	white or colored
TRIP	- 1.3 / 1.6 kg per m ² for two coats- 2.0 / 2.3 kg x m2 for two coats with VELO VTA or RETE PB FINE
PACKAGES	6/20 kg buckets
DRYING total hardening 7 days (depending on the	- dust free 2 hours at 20°C temperature)
TMF	5° C
TMA	10° C ~ 45°C
ABRASION RESISTANCE	discreet
INITIAL TENSILE STRENGTH AT 28 DAYS	20 kg / cm ²
CRACK BRIDGING (EN 1062-7)	Class A5
TOXICITY	non-toxic product
PEDESTRIANABILITY	walkable
STORAGE	18 months if stored in intact packaging, away from heat, frost and humidity

ATTENTION

The information, instructions and indications above are the result of our best technical and applicative knowledge; nevertheless, they are to be considered purely indicative. Therefore, it is the user's responsibility to verify, assuming full responsibility, the compatibility of the products with the intended use, since we cannot intervene directly on the conditions of the construction sites and the methods of carrying out the works. In this regard, a preliminary test is recommended in order to verify the suitability of the product for the intended use.