

PRIMER – water based

VAPOSTOP

One-component, water-based primer for damp concrete substrates

Primer formulated with flexible water-based acrylic resin specifically for cementitious substrates. The product is designed to increase the degree of adhesion of waterproofing and acrylic coatings, creates a barrier against the formation of blistering and prevents detachment caused by dust or moisture. It can also be applied to damp substrates. It is water-resistant, has excellent anti-degradation properties for concrete surfaces and stops carbonation.

BENEFITS

- Excellent adhesion on concrete supports.
- Applicable even on moist surfaces.
- Suitable for the adhesion improvement of waterproofing and acrylic coatings.
- It protects the concrete from carbonation phenomenon.
- Water resistant.
- It protects from blistering and detachment caused by dust or moisture.
- Ready to use, easy and quick to apply.
- Product certified with **European Technical Assessment - ETA n° 17/0769** when used in combination with *Acriflex Pro* or *Acriflex Rapido* waterproofing reinforced with *Polites TNT*.

YIELD

0,10 – 0,15 kg/m² according to the absorption degree of the support.

COLOUR

Transparent.

PACKAGING

5 kg plastic buckets
Pallet: 20 boxes (4 buckets each – tot. 400 kg).

APPLICATION FIELDS

Product designed to increase the adhesion of waterproofing and acrylic coatings on concrete substrates (flat or sloping roofs, terraces, balconies, eaves, flashings, cornices, foundation walls and vertical walls). It can be applied on damp substrates. It is able to close the porosity of the surface,

protecting the waterproofing from blistering and detachment caused by humidity. *Vapostop* also encapsulates dust and ensures adhesion on dusty substrates.

STORAGE

Store the product in its original and perfectly closed containers, in well ventilated areas, away from sunlight, rain and frost, at temperature between +5°C (+41°F) and +35°C (+95°F).
Storage time 12 months.

PREPARATION OF THE SUPPORT

The substrate must be fully cured and of sufficient strength. The surface must be thoroughly clean, free of oil, grease, loose and friable parts or other materials that could affect the adhesion of the product. The substrate must be as even and workable as possible. If the surface is friable as a whole, scarify it completely until a good substrate is obtained and restore cracks or deteriorated parts with a suitable mortar.

Concrete

In the case of deteriorated and crumbling concrete, it must be repaired with suitable cement mortar. New concrete foundations must be **sufficiently** matured.

For supports not listed in the data sheet, please contact Diasen technical department



Vapostop, together with *Acriflex Pro* or *Acriflex Rapido*, is part of the waterproofing system according to **ETAG 005:2000**, certified with the **European Technical Assessment - ETA n° 17/0769**.

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The indications and prescriptions reported, although representing our best experience and knowledge, are to be considered as indicative and must be confirmed by exhaustive practical applications. Diasen does not know the specifics of the work and even less the determining characteristics of the application support. Therefore, before using the product, the applicator must in any case carry out preliminary tests to verify the perfect suitability for the intended use and, in any case, assumes all responsibility that may arise from its use. In the event of uncertainties or doubts, contact the company's technical office before starting work, bearing in mind that this support is merely an aid for the applicator, who must in any case guarantee that he has adequate skills and experience for laying the product and identifying the most suitable solutions. Always refer to the latest version of the technical data sheet, available on the website www.diasen.com, which cancels and replaces all others.

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Treatment of joints

Prior to the application of *Vapostop*, expansion, control or insulation joints must be filled with *Diaseal Strong* polyurethane sealant (see Technical Data Sheet).

Contact points with window and door thresholds must also be treated with *Diaseal Strong* sealant.

MIXING

Vapostop is a ready-to-use single component. Before application, mix the product by hand to make it homogeneous. During mixing, the product is milky white with a greenish tinge.

During the summer season, in extremely hot weather conditions, a maximum of 30% clean water may be added and continue mixing.

Do not add any foreign components to the product and do not mix it with a drill mixer.

APPLICATION

Apply *Vapostop* in a single coat with a long-hair roller, brush or airless sprayer until the required coverage is achieved. Allow the product to penetrate well into the substrate, ensuring total coverage of the surface. Immediately after application, the product is greenish in colour, after drying *Vapostop* becomes transparent.

DRYING TIME

At a temperature of 23°C and a relative humidity of 50% the product dries in approx. 1 hour.

- Drying times are influenced by the relative humidity of the room and temperature, and can vary significantly.
- After the drying time is over, you can continue with the application of the chosen waterproofing or coating.

SUGGESTIONS

- Do not apply at ambient and substrate temperatures below +5°C (+41°F) and above +35°C (+95°F).
- During the summer season apply the product during the cooler hours of the day, away from the sun.
- Do not apply when there is imminent danger of rain or frost, in strong fog or with relative humidity higher than 70%.
- It is very important to provide expansion joints in the screed at regular intervals. Joints must be made in a workmanlike manner.
- Before applying the product, it is advisable to cover any elements that are not to be coated.

CLEANING

The equipment used can be washed with water before the product hardens.

SAFETY

When handling, use personal protection equipment and follow the safety data sheet for the product.

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* The above data, even if carried out according to regulated tests are indicative and they may change when the specific building site conditions vary.

Technical data *		
Features		Units
Yield	0,10 – 0,15	kg/m ²
Aspect	milky	-
Colour	colourless	-
Application temperature	+5 / +35	°C
	+41 / +95	°F
Drying Time (T= 23°C/ 73.4°F; R.H. 50%)	1	hours
Storage	12 months in the original packaging	months
Packaging	5 kg plastic buckets	kg



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