

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.

## VANTAGGI

- 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*.
- Product certified with **European Technical Assessment - ETA n° 23/0574** when used in combination with the product *Thermikoat Cool Roof* reinforced with *Polites TNT*.

## YIELD

0,10 – 0,15 kg/m<sup>2</sup> 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.



*Vapostop*, insieme al prodotto *Acriflex Pro* o *Acriflex Rapido*, fa parte del sistema di impermeabilizzazione conforme a **ETAG 005:2000**, certificato con l'**European Technical Assessment - ETA n° 17/0769**.



*Vapostop*, insieme al prodotto *Thermikoat Cool Roof*, fa parte del sistema di impermeabilizzazione conforme a **ETAG 005:2000**, certificato con l'**European Technical Assessment - ETA n° 23/0574**.



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Reg. Imp. Ancona 01553210426 | Cap. Soc. €400.000,00 i.v.

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## 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.

### 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* sealante.

## 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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\* These 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 <sup>2</sup>
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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The directions and instructions provided, despite representing our best experience and knowledge, should be considered as indicative and must be confirmed through comprehensive practical applications. Diasen is not aware of the specific processing details, let alone the determining characteristics of the application substrate. Therefore, before using the product, the applicator must conduct preliminary tests in any case to verify its perfect suitability for the intended use, and in any event, assume all responsibilities that may arise from its use. In cases of uncertainty and doubts, please contact the company's technical office before commencing work. It should be noted that this support merely serves as a tool for the applicator, who must ensure possession of adequate skills and experience for product installation and identifying the most suitable solutions. Always refer to the latest updated version of the technical datasheet, available on the website [www.diasen.com](http://www.diasen.com), which supersedes and replaces all others.