

VAPOSTOP

One-component, vapour barrier, water based primer for concrete moist supports

One-component water based primer formulated with modified-silane polymers and designed for concrete supports. Created to increase the adhesion degree waterproofing and acrylic coatings, the product creates a vapour barrier and avoids the development of blistering phenomenon and detachments caused by moisture. It can be applied even on moist supports, it is water resistant, it has excellent anti-degradation properties of concrete surfaces and it stops the carbonation phenomenon as well.

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.

APPLICATION FIELDS

The product is created to increase the adhesion degree of waterproofing products and acrylic coatings on concrete supports (plane or sloped coverings, terraces, balconies, eaves, flashings, foundation walls and vertical walls).

It can be applied even on moist supports; it is also able to seal the porosity of the surface by protecting the waterproofing from blistering phenomenon and detachments caused by moisture.

Vapostop also encapsulates dust and ensures adhesion to dusty substrates.

YIELD

0.10 – 0.15 kg/m² according to the absorption degree of the support.

COLOR

Clear.

CONFEZIONE

1 kg plastic bucket.

Pallet: 20 cartons (24 buckets each - tot. 480 kg).

5 kg plastic bucket.

Pallet: 20 cartons (4 buckets each - tot. 400 kg).

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 support must be completely hardened and resistant enough. The surface must be thoroughly clean, without oils, greases, debris or detaching parts or other materials that may compromise the product adhesion. It is important that the support is as regular and as workable as possible.

If the support is crumbly in its entirety, totally scrape it until obtaining a good support and restore lesions or damaged parts with suitable mortar.

Concrete

In case of new realised cement substrate this must be sufficiently cured.

In presence of lesions, holes or irregular zones, restore them with suitable cement mortar.

For supports not mentioned in this technical data sheet, please contact Diasen technical department.

Treatment of joints

Expansion, control or insulation joints must be filled with the polyurethane sealant *Diaseal Strong* (see technical data sheet) before the application of *Vapostop*.

Treat points in contact with doorsteps or with windows with the sealant *Diaseal Strong*.



For application videos, product page, safety data sheet and other information.

Primer – water based

Whereas all indications and recommendations supplied herein are stated to the best of our experience and knowledge, they should be considered as indicative only and should be confirmed by exhaustive practical applications. Diasen doesn't know the peculiarity of the processing, or the characteristics of the support. Therefore the applicator should carry out preliminary tests, in order to verify the suitability to the foreseen application, and in any case he will take the responsibility of the intended use. In case of uncertainties or doubts, please contact the company's technical department, provided that this is only a simple assistance for the applicator: he should have the appropriate capabilities and experience in order to determine the more suitable solution. Always respect the latest update of the technical sheet available on www.diasen.com.

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Technical data

Features		Unit
Yield	0.10 – 0.15	kg/m ²
Aspect	milky	-
Color	clear	-
Application temperature	+5 /+35 +41 / +95	°C °F
Drying Time (T= 23°C/ 73.4°F; R.H. 50%)	1	hour
Storage	12	months
Packaging	1 and 5 kg plastic bag	kg

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

MIXING

Vapostop is a one-component, ready to use product. Mix the product manually until reaching a homogeneous mix.

During mixing, the product is white milky with a green shade.

During summer season, in extremely hot climatic conditions, it is possible to add a maximum of 30% of clean water and keep mixing.

Do not add other elements to the mixture and do not mix it with drill mixer.

APPLICATION

Apply Vapostop in one coat with long- haired roll, brush or airless until reaching the expected yield.

Take care that the product seeps through the support and that it completely covers the entire surface.

Immediately after application, the product has green shade, after complete drying Vapostop becomes clear.

DRYING TIME

At a temperature of 23°C (73.4°F) and 50% of relative humidity level, the product dries in about 1 hour.

- Drying time is influenced by relative humidity level and by temperature and may change significantly.

- Once the product is dry, the selected liquid waterproofing can be applied.

SUGGESTIONS

- Do not apply at temperatures lower than +5°C (41°F) and higher than +35°C (95°F).
- During summer season, apply the product in the cooler hours of the day, away from sunlight.
- Do not apply with imminent threat of rain or ice.
- Protect the product from pouring rain until the complete drying.
- It is very important to make, at regular intervals, appropriate expansion joints on the screed.
- Before the product application, it is recommended to cover each element that will not be coated.

CLEANING

Wash tools with water before the product hardens.

SAFETY

While handling the product always use personal protective equipments and respect the suggestions described in the technical data sheet.



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DIASEN Srl - Z.I. Berbentina, 5 - 60041 Sassoferrato (AN)
Tel. +39 0732 9718 - Fax +39 0732 971899
diasen@diasen.com - www.diasen.com