



UNI EN ISO 9001:2008
Quality System Certified Company



TECHNICAL DATA SHEET PRODUCT

AQUA STOP NATURA

**WATER REPELLENT FOR STONES, CONCRETE, BRICKS, PLASTERS
SUITABLE FOR INFILTRATIONS AGAINST
THE CLIMBING-UP OF THE HUMIDITY INSIDE THE WALLS**

AQUA STOP NATURA is a colourless aqueous emulsion of highly alkylate silicon resins, able to develop a strong water repellent effect, stable during the time, on the absorbing mineral materials used for building. It makes a strong, but transpiring, barrier against the aggressiveness of the atmospheric agents and it is particularly effective, by means of injections inside the walls, against the climbing-up of the humidity. The product is easy to apply and ready to use (do not dilute by solvents nor by water).

COMPOSITION

Mix of Siloxanes and water

PROPERTIES

It develops quickly an effective water repellent barrier - UV rays stable - protective - transpiring - on the mineral stone supports even if humid.

The active substance of the product has:

- *Good penetrating capacity;* the treated material is well protected also in depth.
- *High resistance to alkaline environments;* the product is suitable for all kind of concrete and, in general, for most materials commonly used by the building industry.

SUITABLE SUPPORTS

CONCRETE (all kind commonly used),
MINERAL PLASTERS,
FIBRE-CONCRETE PANELS,
SILICEOUS-CALCAREOUS SIGHT-BRICKS,
MINERAL BASED NATURAL AND ARTIFICIAL STONES
DO NOT USE THE PRODUCT TO WATERPROOF GYPSUM OR GYPSEOUS SUBSTANCES

DO NOT APPLY

Do not apply:

- *in areas subject to water under pressure* (basements, ditches, swimming pool ends),
- *on surfaces of gypsum or synthetic material* (plastics, synthetic plasters or synthetic paints),
- *in case of adverse atmospheric conditions* (temperatures lower than 5°C/41°F or higher than 35°C/95°F
- *when outdoor* in case of coming rain, over ventilation, etc.)

PREPARING THE SUPPORT

The surfaces to be treated must be porous and absorbing, free from manifest and clear humidity stains and free from dust, traces of greasy substances, saline efflorescence, mould, etc...

CLEANING THE SUPPORT

in presence of oils, grease, greasy parts, smog → wash by **NEUTREX**
in presence of moulds, vegetative parts → wash by **BACTEX**
in presence of dust, friable parts → remove by compressed air

AFTER CLEANING THE SURFACE, THE PRODUCT CAN BE APPLIED EVEN IF THE SURFACES ARE HUMID



APPLICATION - HOW TO USE

Avoid the application outdoor in case of forthcoming rains (the product can be washed out by the rain)

AS WATER REPELLENT

For wide surfaces the more suitable application system could be a low pressure supply devices.

The product can be applied also by paint-brush or roller (in proximity of doors, windows or smaller surfaces) or by soaked white cotton cloth (for difficult points, restorations).

Apply also more coats "wet-on-wet" till the pores of the materials are impregnated (anyway avoid any stagnation and drying of excess of product on the surface).

In general two applications are enough for most materials.

Effectiveness and duration of the waterproofing effect depend on the depth of penetration of the product.

Drying time outdoor ventilated environment: 1 hour about according to the temperature and environment conditions.

The water repellent effect develops completely **24 hours** after the application.

AS INFILTRANT AGAINST THE CLIMBING-UP OF THE HUMIDITY INSIDE THE WALL

For the use as infiltrant against the climbing-up of the humidity:

- *drill holes on the wall, slantways up to down, with the right length to reach the centre of the wall;*

- *space out the holes 30-35 cm. about;*

- *cut the open head of the small tube, supplied with the dispenser for the needed length to reach the end of the drilled holes;*

- *make holes in the small tube, in the part to be put into the wall, suitable to deliver the product;*

- *insert the small tube on the dispenser and let the product run inside until saturation.*

PRECAUTION

Product in aqueous emulsion; no special precautions are required.

It is anyway suggested to wear impermeable gloves and to comply with the standard hygiene rules.

Keep out from the reach of children

For more information about safety, consult the label and the **material safety data sheet**.

APPROX. CONSUMPTION

Considering the large variety of materials and the different porosity of the supports, the real consumption and the effectiveness of the treatment must always be verified by testing the product on a small part of the material to be waterproofed.

Approximately the following consumptions can be considered:

CONCRETE	Ltrs. / M ²	0,25 - 0,50
CELLULAR CONCRETE	Ltrs. / M ²	0,50 - 2,00
PLASTER	Ltrs. / M ²	0,50 - 1,00
SILICEOUS-CALCAREOUS BRICKS	Ltrs. / M ²	0,40 - 0,70
BRICKWORK	Ltrs. / M ²	0,40 - 2,00
FIBRE-CONCRETE PANELS	Ltrs. / M ²	0,10 - 0,30
NATURAL STONE	Ltrs. / M ²	0,05 - 2,00

TEST

Testing in a small, hidden area is recommended before application to determine compatibility of the product with the material to be treated, consumption, drying time and the protection degree.

PACKAGING

Plastic cans of 5 L., 10 L., 25 L

STABILITY

The product is an aqueous emulsion: **CANNOT STAND THE FROST**

Never store at temperature lower than 0°C (32°F) and avoid to store at temperatures higher than 35°C (95°F); keep sheltered from direct sunrays and heat sources.

Complied with these rules the product, always kept into closed original containers, has a stability of 12 months.

After this period the product can be effective, but must be tested for the requested purpose.

LIMITATION OF LIABILITY The data provided derive from published information or from our own laboratory tests. The information provided here must be considered as a guideline and not as any form of performance guarantee. Liability for defective products, when verified, is limited to the refund of the purchase price since the application of the product is beyond the control of the manufacturer or supplier.

A PRELIMINARY TEST IN A SMALL, HIDDEN, AREA IS RECOMMENDED BEFORE THE FINAL APPLICATION