



UNI EN ISO 9001:2008  
Quality System Certified Company



## TECHNICAL DATA SHEET PRODUCT

# AQUA STOP

### WATER REPELLENT FOR STONES, CONCRETE, BRICKS, PLASTERS

**AQUA STOP** is a colourless protecting agent based on highly alkylate siloxane resins and solvents, able to develop a strong water repellent effect, stable during the time, on the absorbing materials used for building. It and makes a strong, but transpiring, barrier against the aggressive atmospheric agents. The product is easy to apply and ready to use (never dilute by solvents nor by water).

## COMPOSITION

Mix of silanes/siloxanes and solvents

## PROPERTIES

It develops quickly an effective water repellent barrier - protective - transpiring - on the mineral stone supports. 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 GYPSIFEROUS SUBSTANCES*

## PREPARING THE SUPPORT

The surfaces to be treated must be porous and absorbing, must be dry (avoid the product application in presence of 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, BEFORE TO APPLY ALWAYS WAIT THE SURFACE IS DRY

## HOW TO USE

For wide surfaces the more suitable application system is by using low pressure supply devices. The product can be applied also by paint-brush or roller (in proximity to doors, windows or smaller surfaces) or by soaked white cotton cloth (for difficult points, restorations).

Apply also more coats 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 the penetration of the product.

*Drying time outdoor ventilated environment:* 15-30 minutes according to the temperature and ambient conditions.

After drying the support keeps unchanged its transpiration capacity.

The water repellent effect is totally developed 24 hours after the application.

After the impregnation by **ACQUA STOP** it's no more possible the application of water paints. Painting must be effected before the application of **AQUA STOP** and by using inorganic paintings (e.g. silicate paintings).



## 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 such as temperatures lower than 5°C [41°F] or higher than 35°C [95°F];
- when outdoor in case of forthcoming rain, over ventilation, etc.

## PRECAUTION

Solvent based product: flammable

It is suggested to wear impermeable solvent-proof gloves and it is recommended to air well the rooms during the applications and to comply with the hygiene practice.

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

## APPROX. CONSUMPTION

In view of the wide 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	litre / sq.m.	0,25 - 0,50
CELLULAR CONCRETE	litre / sq.m.	0,50 - 2,00
PLASTER	litre / sq.m.	0,50 - 1,00
SILICEOUS-CALCAREOUS BRICKS	litre / sq.m.	0,40 - 0,70
BRICKWORK	litre / sq.m.	0,40 - 2,00
FIBRE-CONCRETE PANELS	litre / sq.m.	0,10 - 0,30
NATURAL STONE	litre / sq.m.	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

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

## STABILITY

Kept into the original containers tightly closed, sheltered from direct sunrays, far from heat or flame sources and at temperatures lower than 30°C (86°F), but not lower than 5°C (41°F) the product has a stability of 12 months.

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

## NOTE

AFTER THE APPLICATION OF THE PRODUCT, BECAUSE OF ITS WATERPROOFING EFFECT, IT IS NO MORE POSSIBLE TO APPLY WATER PAINTS..

**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**