



la marque
du bâtiment

GEL ANTI-HUMIDITE

TREATMENT AGAINST RISING DAMP

1. PRESENTATION

GEL ANTI HUMIDITE is a viscous gel product packaged in 280 g cartridge fitted with a 40 cm long tube to allow injection into the walls.

GEL ANTI HUMIDITE penetrates deep into walls and impregnates them through capillary action, then slowly dries to form a tight barrier against rising damp inside the wall.

The product contains high levels of silanes/siloxanes (80%).

But it contains no solvents or VOCs, and is therefore safe for the applicator or occupier of the building.

GEL ANTI HUMIDITE can be applied without any nuisance in inhabited premises.

2. ADVANTAGES

- 10-year warranty.
- No harmful effects on the user.
- No risk of damage for neighbours.
- Water-based gel.
- Does not stain.
- Easy to implement and use.
- Does not require any specific equipment for application and protection, nor any specific training or skills.
- Quick injection in a single operation in solid or hollow walls.
- More economical than old methods.
- Ready to use product and practical packaging (cartridge): no transfer – no loss of product.
- No error of application is possible.
- Easy calculation of quantities of product required in advance (see table).
- Small drilling in joints does not cause damage to the bricks.
- Application without any risk of splashing.
- Application in common walls.

3. AREAS OF APPLICATION

- Treatment of rising damp in the structure of walls.
- Treats all types of materials such as loam, cob, brick, concrete block, concrete, stone.
- Injection from the inside or the outside.

4. INSTRUCTIONS

Substrate preparation:

Remove the panelling and baseboards.

Strip the coatings or remove plaster boards contaminated by salts.

Brush the walls before application.

Precautions:

The walls previously treated with another product against rising damp shall be injected ± 15 cm above the holes made for the other treatment.

If a waterproofing membrane (bituminous...) is present, remove the coatings below this membrane and inject under the membrane.

For walls more than 40 cm thick, drill on both sides.

The injection height must be chosen based on interior and exterior levels.

The injection must be made as close as possible to the ground, if possible at the baseboard.

Never inject below the exterior ground level.

EURO DORTHZ PRODUCTION

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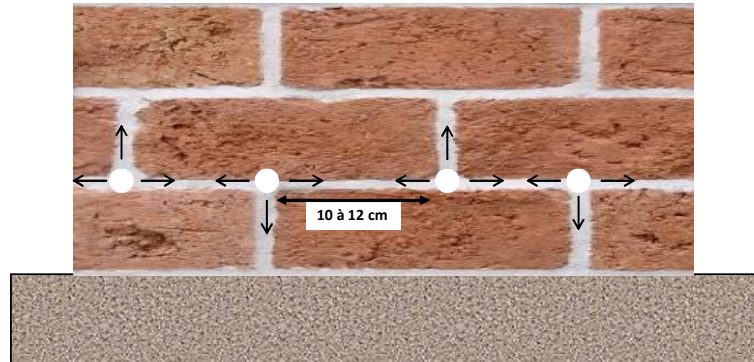
Application:

Measure the thickness of the wall in order to properly adjust the drilling depth.

Place a mark on the drill bit using a marker or adhesive tape.

Drill a series of holes, 12 to 14 mm in diameter, horizontally and every 10 to 12 cm, in a joint parallel to the floor, to a depth adjusted according to the thickness of the wall. (See table below).

Wall thickness	Hole depth	
9 cm	7 cm	
14 cm	12 cm	
20 cm	18 cm	
29 cm	27 cm	
40 cm	37 cm	
Drilling on both sides	50 cm	2 x 25 cm
	60 cm	2 x 30 cm
	70 cm	2 x 35 cm
	80 cm	2 x 40 cm



Full insert the injection tube into the hole, then pull it back a few cm.

Gently press on the handle of the gun.

Fill the hole while slowly withdrawing the gun up to 1 cm from the wall surface.

Seal the holes with some mortar, mass-waterproofed with **HYDRO MAX NF**.

Number of cartridges	Number of linear metres to be treated (m)						
	1	5	10	15	20	25	
Wall thickness (cm)	9	0.7	3.4	6.8	10.1	13.5	16.9
	14	1.1	5.3	10.5	15.8	21.0	26.3
	20	1.5	7.5	15.0	22.5	30.0	37.5
	29	2.2	10.9	21.8	32.6	43.5	54.4
	40	3.0	15.0	30.0	45.0	60.0	75.0
	50	3.8	18.8	37.5	56.3	75.0	93.8
	60	4.5	22.5	45.0	67.5	90.0	112.5
	70	5.3	26.3	52.5	78.8	105.0	131.3
	80	6.0	30.0	60.0	90.0	120.0	150.0

These values are based on laboratory tests. They are minimum values.

The time required for the wall to dry completely varies between 3 and 9 months. It varies according to the moisture content, the thickness of the wall, the good ventilation of the premises and the nature of the substrates treated.



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Application:

Application equipment	: High Quality spray gun (Code 5680) : H1 spray gun (Code 5685)
Application temperature	: +5°C to +30°C
Cleaning of the equipment	: DORTHZ LINGETTES BLANCHES or GRISES

5. CHARACTERISTICS

Appearance	: White gel
Density	: $0.92 \pm 0.05 \text{ g.cm}^{-3}$
Solvent	: None
pH	: 7.5 ± 0.05
Shelf life	: 1 year in its unopened original packaging

(For more information, please refer to paragraph 9 of the safety data sheet).

6. SAFETY OF USE

- See the product's Safety Data Sheet at www.quickfds.fr.
- The product must be stored away from frost, between +5°C and +25°C.

The details provided in this Data Sheet are given in good faith, for information purposes only. They shall not in any case constitute a guarantee on our part, or engage our responsibility when using our products. This Data Sheet supersedes all previous versions. Compagnie France Chimie reserves the right to make changes to its products and to this data sheet without prior notice. Our clients shall ensure, before any implementation, that these instructions have not been replaced by a more recent version that takes into account new technical data.

Product solely intended for professional use.

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