



TREATMENT OF RISING DAMP ONCE AND FOR ALL
BY MEANS OF A POLARITY-REVERSING DEVICE



www.StopRise.com

- Over 1000 devices already installed



StopRise®

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WHY SHOULD DAMP BE DEALT WITH?



1

TO PRESERVE YOUR PROPERTY

Damp causes rapid deterioration of the structure of buildings. When selling a house, it will be worth more if it is in a healthy condition.



2

TO STOP REPEATED REPAIR AND RENOVATION WORKS

Rising damp damages wall paper, base-coat and top-coat plaster, paintwork, partition walls, double walls, plinths and ceilings. All this forces repeated renovation and repair work to be carried out.



3

TO PROTECT YOUR HEALTH

Humidity leads to the development of moulds and fungi, which can cause allergies and many respiratory diseases.



4

TO SAVE ENERGY

The thermal resistance of a damp wall is extremely low. What is more, moist air is very difficult to warm up.



5

TO ELIMINATE PARASITES

Humidity is the main cause of the presence of insects such as termites, beetles and many others.



RISING DAMP

3. TREATMENT

IMPORTANT COMMENT

In order to deal with the problem of rising damp once and for all, it is well to avoid any patching that would simply worsen the situation, as the patches would cover the damage and hamper evaporation of the water. Then, since water is lazy, it would go looking for other areas from which to evaporate (the deterioration will usually appear just above the patched areas).

To conclude, doing this the problem of rising damp will not be solved but simply moved from one place to another.

THE EFFECTIVE SOLUTIONS FOR DEALING WITH RISING DAMP ONCE AND FOR ALL :

- **Resin injections** : Create a waterproof barrier by injecting resin into a row of points at distances of 12- 15 cm from one another at the bottom of the wall.
- **Passive or active electro-osmosis** : Fit a copper wire connected to electrodes into the load-bearing wall, connecting this system in turn to a battery.

With injections and electro-osmosis it is only possible to act on load-bearing walls. It is not possible to make any holes or small drainage canals (for the copper wire) in a slab (it is forbidden to make holes in a slab) or in partitions (they are hollow and absorb moisture from the slab as a result of contact

These two techniques lead to **PARTIAL** drying !

- **Polarity-reversing device** :

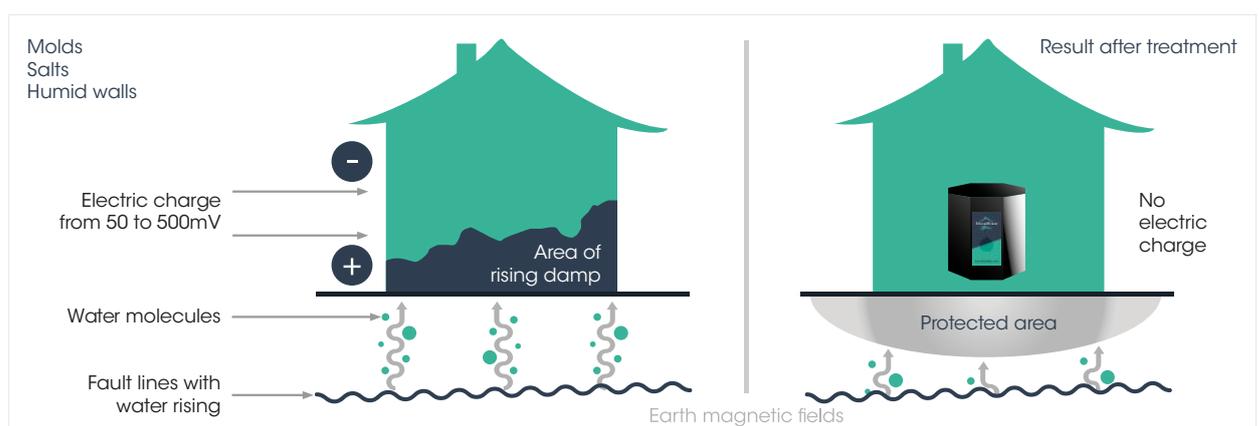
StopRise® acts over a radius and tackles the whole building (walls, slabs, partitions).

StopRise® reverses the electric potential that is the cause of the rising damp.

StopRise® completely stops the rising damp, facilitating drying of the walls and of the ground over the whole surface area of the building.

StopRise® solves the problem **ONCE AND FOR ALL**.

TOTAL drying out is achieved !





PRESENTATION OF THE STOPRISE® device



- Self-powered by means of the electromagnetic (EM) field
- It deals with the origin of the problem
- TOTAL drying out of walls, slabs and partitions
- Positioning in a specific direction to be complied with
- Guarantee lasting 30 years
- Obligation to achieve a result.

28 cm



28 cm





HOW LONG DOES DRYING TAKE?

« HOW SOON WILL ONE START TO SEE A RESULT BEFORE THE COMPLETE DRYING OUT? »

All in all one whole year and even more should be considered, depending on the thickness of the walls. The following table provides a quantification that is indicative for periods of 3, 6, 9 or 12 months.

N.B.: The time required for a wall to dry out depends on its thickness, on the type of material used and on the ventilation of the rooms. A damp cloth will dry far sooner than a thick blanket.

A cloth hung out to dry in a place with a high level of humidity will take far longer to dry than in a well-ventilated place. The same principle applies to walls.

If a wall is covered with waterproof plastic coating (WPC), the water contained in it cannot evaporate. Only removal of the coating will facilitate natural evaporation, releasing the moisture blocked inside by it; otherwise drying will take far longer, considering that the ideal condition would be a wall with two sides allowing evaporation.

The following table illustrates the example of the cloth hung out to dry.



Height (m)	Original diagnosis	1st check	2nd check	3rd check	4th check
2,00	1,5%	1,5%	1,5%	1,5%	1,5%
1,50	6%	4%	2%	1,5%	1,5%
1,20	7%	7%	4%	1,5%	1,5%
1,00	7%	7%	6%	4%	1,5%
0,50	9%	9%	7%	5%	1,5%
0,10	9%	9%	7%	5%	1,5%

N.B. : Values between 1.5 and 2% correspond to the sound/dry average values of a material. How well the wall has dried out is not checked by examining it visually.

Example : A cloth on which coffee has been spilt will be wet and dirty. Once it is dry, the stain will remain on it. The same applies to a wall. For the purpose of planning the re-structuring works, only the outcome of checking the drying out will be decisive, not the visual examination of the stains.





GUARANTEES



For the purposes of the **compulsory result**, « **the installer** » undertakes to refund the cost of the device in full if the degree of drying of the walls does not reach the values measured at the time of installing **StopRise®**.

The drying out values will be reached within a time that will vary depending on the thickness of the walls, on their features, on their position (side under ground or not), on the ventilation of the premises and on removal of the coatings of the walls.

« **The installer** » guarantees that this period of time will vary from 6 months to one year in the most favourable conditions, and could last up to three years in extreme cases. It is expressly agreed that the benefits of the guarantee will cease to apply if the device undergoes deterioration or shifting from the position decided upon by our engineer.

NOTE:

After each check of the measuring, « **the installer** » will forward a report quantifying the degree of drying of the wells and will provide a forecast of the renovation activities to be carried out once drying out has been completed.

The Management





ANY QUESTIONS?

DOES THE DEVICE HAVE ANY NEGATIVE EFFECTS ON HEALTH ?

Polarity inverting devices were designed originally 35 years ago for health-related applications, to improve the metabolism. Any electromagnetic field is in any case a disturbance.

There are two types of disturbance:

- **Airborne** : high-voltage lines, TV aerials, mobile phone aerials...
- **Underground** : fault lines, springs and the water running in fault lines, causing friction.

The **StopRise®** device acts on underground disturbances, which are the cause of rising damp.

THE DEVICE IS NOT CONNECTED. HOW DOES IT WORK ?

StopRise® is self-powered thanks to the electric potential generated by the water in movement in the fault lines. This potential is between 50 and 500 millivolts. 50 millivolts are sufficient to power it.

AFTER HOW LONG WILL THE FIRST IMPROVEMENTS BE NOTED ? AFTER HOW LONG WILL THE WALLS BE DRY SO THAT THE RENOVATION WORK CAN BE CARRIED OUT ?

Reference must be made to the example of the cloth laid out to dry, and above all it is necessary to check proper ventilation of the rooms. In this case, the first improvements will be noted after 4 to 6 months.

As far as concerns the drying time before the re-structuring works are started, it is necessary to calculate about six months to one year in the best conditions depending on the thickness of the walls, the structure of the materials and the ventilation of the premises. Drying out could require quite a long time if the conditions are not ideal.

ARE THERE ANY REPERCUSSIONS ON ELECTRICAL AND ELECTRONIC EQUIPMENT ?

There are no repercussions of any kind. A microwave oven, for example, runs on electricity and when it is switched on it produces microwaves.

As **StopRise®** is not connected to the wiring system, it cannot produce waves.



SOME COMPLETED PROJECTS



Castle of Vaux-Le-Vicomte
Maincy (77)



Church in Saint Pierre de Venaco (20)



School complex in Carmaux (81)



Private home in Tours en Savoie (73)



Private home in Rouen (76)



Private home in Villecroze (83)

To find out more about our **StopRise®**
polarity reversing device
view the video :



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