TECHNICAL FILE

ATE LC15

The revolutionary treatment of structural damp

The ATE LC 15 process consists of creating and diffusing in the structures through external energy, a very low frequency electromagnetic field which opposes the orientation of the dipoles of the water molecules to disorder them.

These then fall by gravity into the foundations, carrying with them some of the salts causing the efflorescence, and can no longer rise up into the structures.

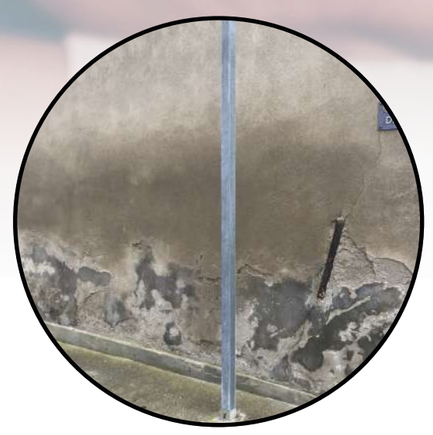
The walls are then dried by depolarization of the water molecules (between 18 and 24 months depending on the specifics of the building and monitoring of recommendations).



Mold



saltpeter



tidemark

Thus, the cause of capillary rise is definitively eliminated

Diffusion of a low frequency electromagnetic field

The orientation of water molecules is reversed

The drying of the walls is carried out by depolarization of water molecules

A radical solution

- **MANUFACTURER'S WARRANTY:** 10 years on the device (excluding 12V power supply - 2 years). The product is powered by a 12 VDC 1A power adapter.

- **GUARANTEE OF EFFECTIVENESS:** more than 10 years of experience on electromagnetic treatments.



+ Easy to use

+ Economic

+ Walls and floors



10 REASONS TO CHOOSE ATE LC 15

1. Most economical technique
2. Simple to install, no damage to structures
3. Low power - not harmful to health (certified product)
4. Faster efficiency thanks to continuous emission
5. Treats all buildings: walls, floors and basements
6. Treat the cause of the problem, not the effects
7. Suitable for any size building
8. Reduced heating costs
9. 10 years of experience in electromagnetic treatments
10. French made

STANDARDS & CERTIFICATIONS

- Directive 2014/35/EU (low voltage)
- Directive 2014/30/EU (CEM)
- Non-harmful waves electromagnetic (EMF)
- Directive 2011/65/EU (RoHS)
- Directive 2012/19/EU (WEEE)
- Equipment manufactured in accordance to the ISO 9001 standard

The ATE LC 15 (Electromagnetic Polarity Inverter or Electronic Technical Drying) covers an action radius of up to 7.5m for a total diameter of 15m, this electromagnetic polarity inverter eliminates humidity problems in walls and more precisely capillary rises.

Our ATE LC 15 device is quick to install.
It is suitable for all old homes.

The ATE LC 15 is manufactured in France (Castres 81).

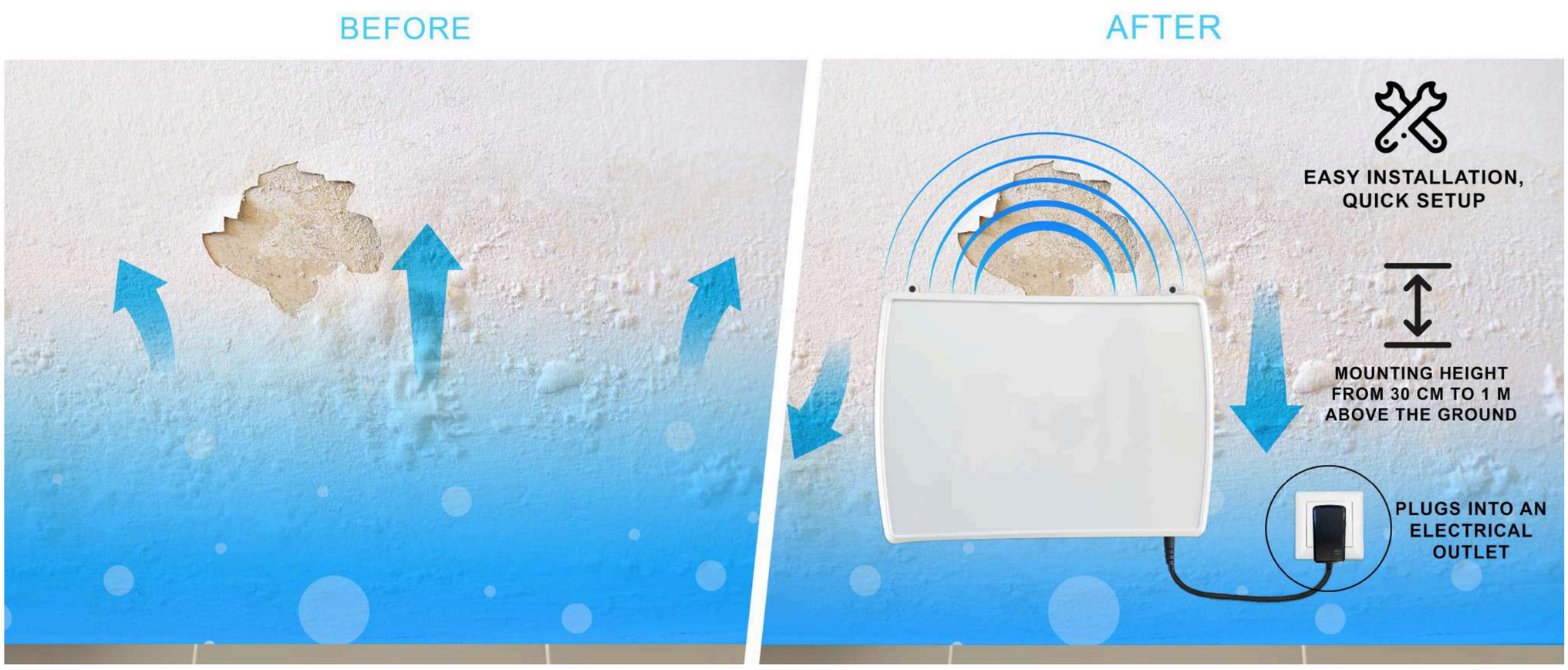
Weighing 1.2 kg, the ATE LC 15 model measures 322x232x32

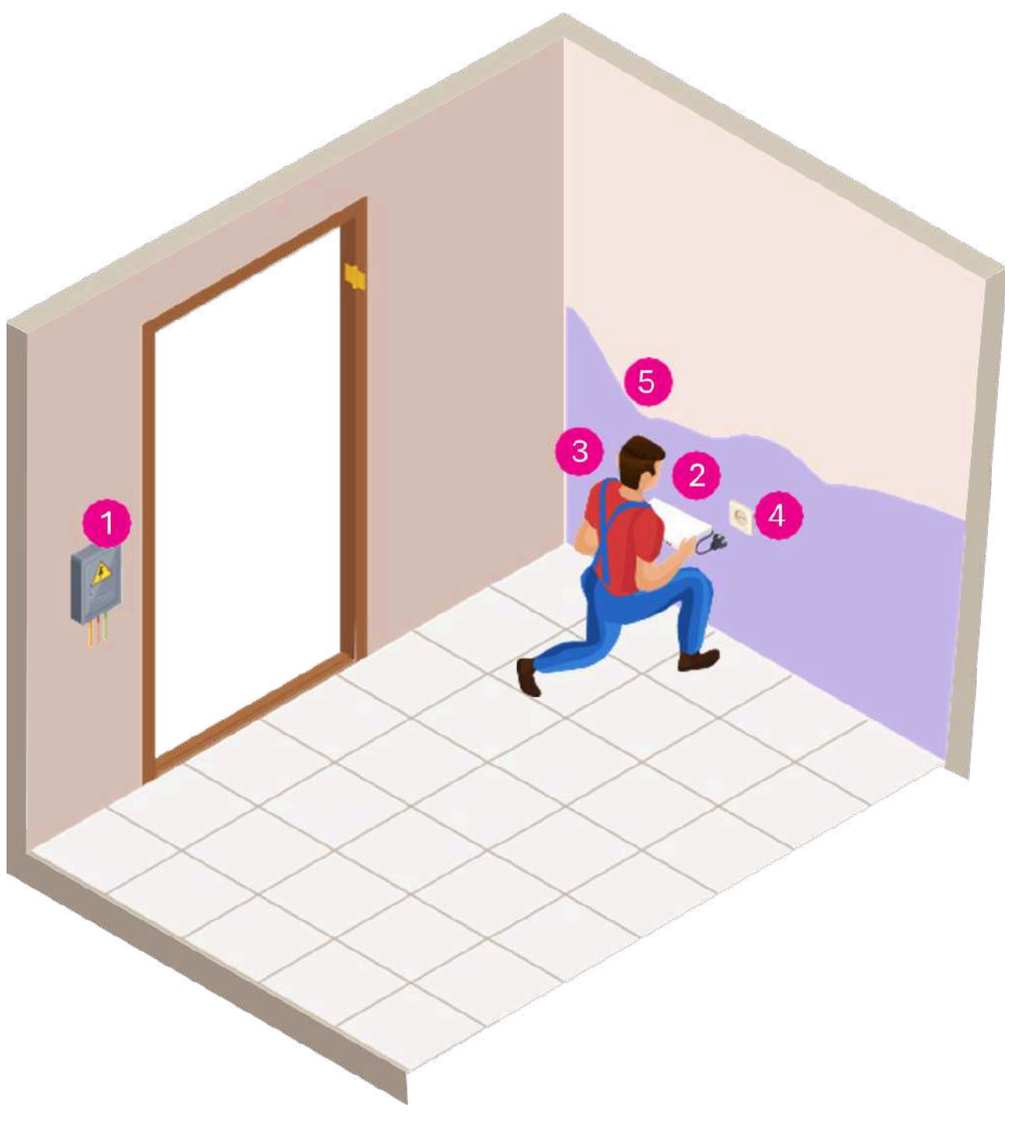
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help.humidite@gmail.com www.help-humidite.com - Bordeaux RCS number: 892 033 630

ATE LC installation and use instructions

How to choose your device?

Please select a device whose action radius is large enough to cover the entire area to be treated.





Installation in 5 rules:

1. The device must be installed at least 1.50m from any electrical or electronic device.
2. Fixing height from 30cm to 1m from ground level.
3. The device must not be moved.
4. The device must be powered continuously from the mains.
5. The device must be installed directly on a load-bearing wall. Never attach to placo lining.

Manual :

The equipment is supplied with a separate power supply.
The green LED indicator lights up, indicating that the system is acting against moisture rising in the walls.
The red LED indicates that the device is powered on.
It is recommended to check that the red and green LEDs remain lit, if this is not the case please contact the device supplier.

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Technical specifications & recommendations

1) STRIPPING OF FILM-GENERATED COATINGS OR COATINGS

- It is recommended to strip the bottom of the walls during the drying period to a height of approximately 10 cm above the deterioration fringe so that the walls can breathe.

2) HOUSING VENTILATION

- Good air circulation is necessary since drying occurs partly by evaporation. It is therefore essential to ventilate.
- To install suitable ventilation in your home.
- To ensure that doors and windows comply with standards (doors offset at least 1.5cm in dry rooms and 2cm in wet rooms).
- Installation of window vents.

3) RESTORATION OF COATINGS AND PAINTING

- When the walls have dried, the moisture-hungry hygroscopic salts have migrated to the surfaces and it is then essential to brush to remove most of them. For wall drying to be perfect, not only must the walls be dry and healthy, but it is absolutely necessary to prevent mineral salts from rising into the coatings.
- We advise you to redo your facade coatings with a lime coating with an adjuvant against hygroscopic salts.

4) INSTALLATION OF A DRAIN

- It is recommended to make a drain in the event of lateral infiltration. The function of drainage is to collect groundwater and evacuate it before it reaches the foundations.

The drying speed of walls is influenced by several factors such as their thickness, composition and coating. It is also crucial to strictly follow our recommendations to ensure optimal results. It is important to note that this device is not intended to solve water infiltration, flooding or mold problems in your home; these issues should be addressed independently.

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The product is intended for indoor use only. The device should not be exposed to dripping or splashing water. No liquid should be poured onto the device. The device must be used within the framework described in the manual. Do not use the device for purposes other than those for which it was designed. Operating temperature 0°C to 40°C.

Do not use the product if the electronic subassemblies or the plastic housing are damaged. If the latter shows chips or cracks, it must be replaced. If the product is damaged, it must be repaired by the manufacturer, its after-sales service or a qualified person to avoid any danger.

The use, cleaning or maintenance of the appliance by children or by people with reduced physical, sensory or mental abilities or a lack of experience or know-how should only be done after receiving instructions. appropriate and under the adequate supervision of a responsible adult. This precaution is intended to ensure safe handling and to avoid any risk of danger. This device must be kept out of the reach of children and animals.

TREATMENT OF END OF LIFE ELECTRICAL AND ELECTRONIC APPLIANCES APPLICATION IN EUROPEAN UNION COUNTRIES AND OTHER EUROPEAN COUNTRIES WITH SELECTIVE COLLECTION SYSTEMS.



This symbol, affixed to the product or its packaging, indicates that this product must not be treated with household waste. It must be handed over to an appropriate collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of properly, you will help prevent potential negative consequences for the environment and human health. Recycling materials will help conserve natural resources. For any additional information regarding the recycling of this product, you can contact your municipality, your recycling center, or your distributor. Used batteries must be disposed of safely. Place them in collection bins provided for this purpose.