MOLD PREVENTION BY HEATING WALLS

With the V4heat Anti-Mold Kit, preventing the growth of mold due to building structure-related condensation or moisture from cooking, washing and so on, is child's play:

The heating fabric is simply embedded in the plaster of walls already affected by or prone to mold growth (e.g. cold corners of exterior walls, in the bathroom or behind large pieces of furniture) and becomes invisible after installation.

Equipped with a temperature sensor, the heating output is automatically adjusted to a temperature range that gives mold no chance to grow. The higher surface temperature of the wall effectively prevents any indoor moisture from condensing. Mold spores are thus deprived of the very basis they live on.

The power supply is a simple „plug-and-play" solution and therefore particularly easy and safe to connect.

The V4heat Anti-Mold Kit effectively prevents condensation and hence the formation of mold. The system controls itself by means of a temperature sensor, ensuring a constant wall temperature that stops mold formation in its tracks.

Installation is straightforward and requires no professional electrical knowledge: just embed the fabric in the plaster, wallpaper over it, and plug in. Finished!

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V4heat by Vitrulan

ANTI-MOLD KIT

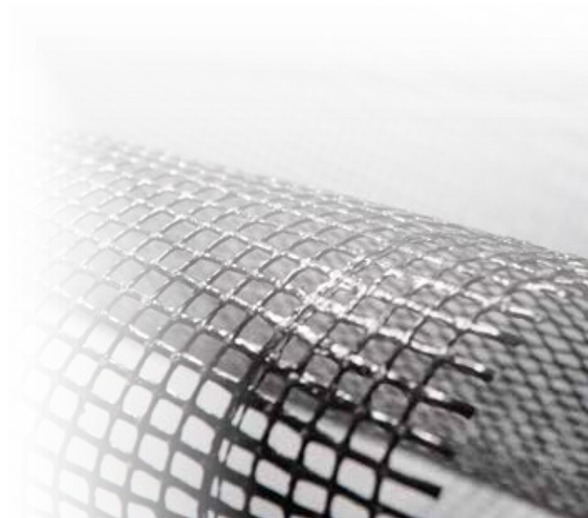
Plug & play solution against mold growth

STOP MOLD IN ITS TRACKS THANKS TO A CONSTANT WALL TEMPERATURE

Corners, particularly on exterior walls, are the areas most vulnerable to mold growth: warm air meets a cold wall, condensation occurs and provides the ideal breeding ground for mold. Mold around the home is not just a visual problem, it also has the potential to cause health problems quickly.

Mold can grow behind wardrobes and other furniture for a long time without being noticed, often causing any number of illnesses ranging from allergies to asthma.

Once discovered, removing mold is often a time-consuming and costly process – not to mention the reduction in home comfort during the renovation period.



MOISTURE: GUARANTOR FOR MOLD GROWTH

Once mold infestation is discovered in a building, the first thing to do is to find the root cause. Moisture is always the trigger for mold growth and its causes are manifold:

- Moisture penetrating from the outside or rising damp
- Moisture caused by water damage, e.g. a defective pipe
- Moisture caused by condensation at thermal bridges, e.g. in corners of a room or behind wardrobes
- Moisture caused by showering, cooking, drying laundry etc.

While the first two causes are the result of structural defects or sudden damage and can be remedied after repair, it is difficult to avoid the last two causes of moisture in daily life.

Lawyers and courts repeatedly deal with disputes, whether the tenant has caused mold infestation through incorrect ventilation and heating behavior or whether structural defects are the cause.

The V4heat Anti-Mold Kit eliminates condensation and thus significantly reduces the risk of mold growth caused by the tenant.

PLUG & PLAY – NO PROFESSIONAL ELECTRICAL KNOWLEDGE REQUIRED!

The core element of the Anti-Mold Kit is the heating fabric made of glass fibers and finished with a special carbon coating. The fabric is embedded into the plaster of the wall and then connected with the thermostat and power supply using the pre-mounted terminals.

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STRAIGHTFORWARD INSTALLATION: EMBED, PLUG IN, FINISHED!

Installation is straightforward and can be done by a painter or decorator. Thanks to the simple and safe plug & play connection technology, no professional electrical knowledge is required.

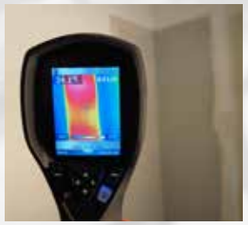
1. Prepare installation

2. Apply base coat

3. Embed fabric

4. Cover with plaster

5. Smooth plaster and give it a decorative finish e.g. wall covering



6. Finished!

THE ANTI-MOLD KIT IN DETAIL

The kit contains everything required for installation in the corner of a room:

- 2x drops of 2.5 m each with 1.50 m power cord, width 53 cm each
- 1x structural element sensor for measuring the temperature
- 1x power supply with integrated thermostat for wall mounting
- 1x insulation tube
- 1x mounting material
- 1x installation instructions