



Innovative Beschichtungs Technologie

DRY BUILDINGS

from the basement to the roof



Permanent solutions



Old and New buildings
Listed buildings

Permanent
protection
against water
and moisture

Enjoyment of life and energy efficiency

Healthy buildings



A house is more than
just a building shell



ORGANIC AND HEALTHY

By means of the special **IBT technology**, a unique pore system is created during mixing, which dries the wall by suction due to the physical process of capillary action.

The salts already existing in the wall crystallise inside the wall and cause no new damage.

If new moisture enters, the fine mineral particles entrained in the water naturally help to narrow these ascent paths further by sintering. A permanent, natural barrier is created and renewed moisture entry is prevented. The function of the pore system and the capillarity remains permanently preserved.



Simple technology instead of fighting against water



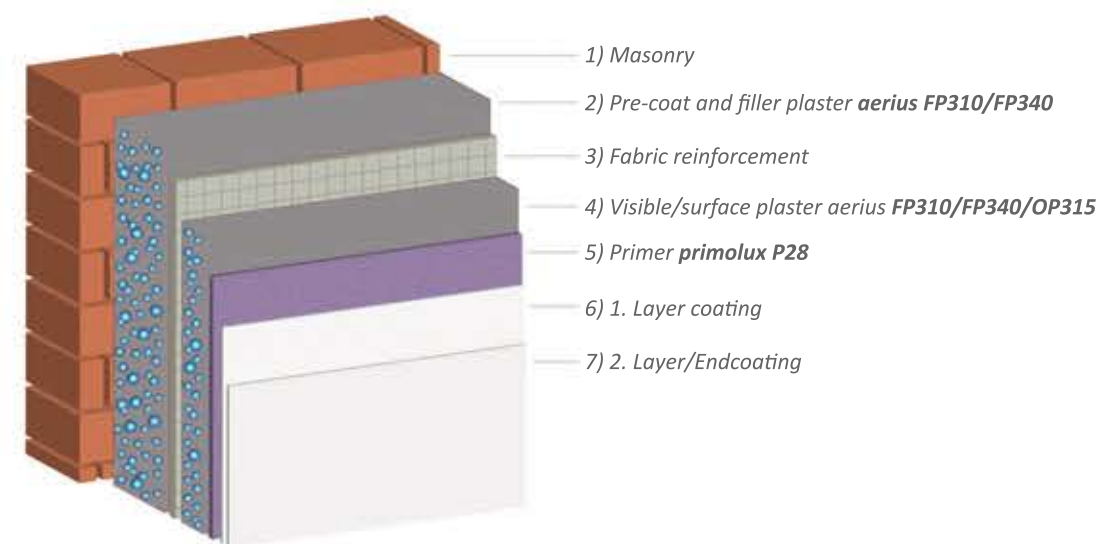
The dehumidifying systems from IBT drain moisture through the masonry.

The following products offer various solutions and keep the building permanently dry.

No chance for moisture, mould and salts

aerius **FP310/FP340/OP315** Micropores multifunctional plasters for inside and outside.

aerius-plasters enable unequalled dehydration from damp substrates. They adhere permanently to salt contaminated masonry and are therefore ideally suited for the renovation of such surfaces, as well as being a skirting plaster for indoor and outdoor use.



mineral - organic - natural



The benefits speak for themselves

- ✓ Highly dehumidifying
- ✓ Highly permeable/high capillary suction
- ✓ Resistant to salts
- ✓ Heat and sound insulating
- ✓ Frost-proof
- ✓ Adheres to extremely wet masonry
- ✓ Permanently moisture and salt resistant
- ✓ Prevents mould
- ✓ Stable and resistant to aging
- ✓ Easy to work with
- ✓ Healthy living environment
- ✓ A material for all applications

AREAS OF APPLICATION

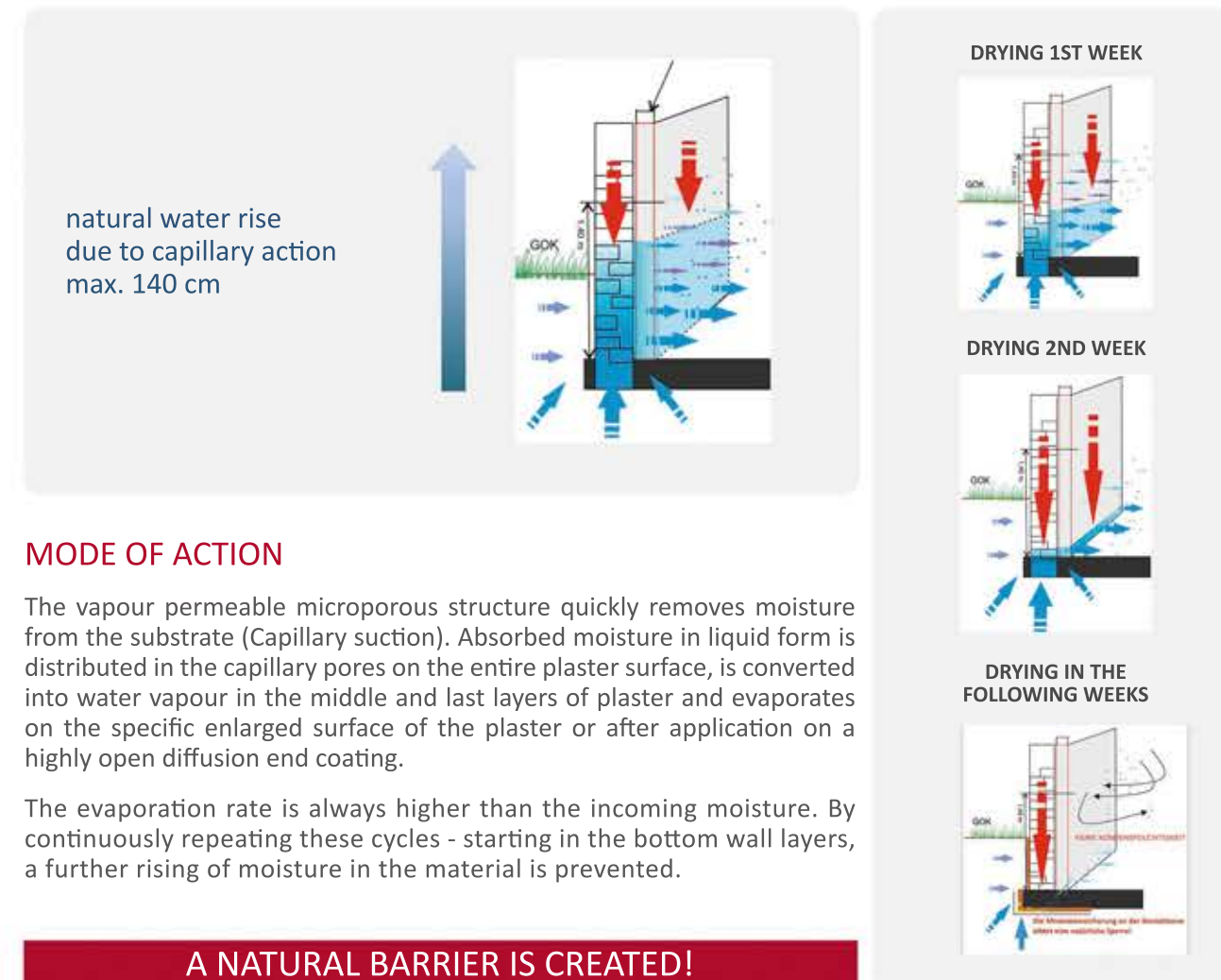
Old buildings/existing conditions: Renovation for permanent wall dehumidification indoors and outdoors. For listed residential properties, storage rooms, galleries, churches, city walls and much more.

New construction: As a preventive measure subject to high demands, e.g. through indoor climate, weather, pressurised water or in flood-prone areas.



The aerius functions

Dehumidify masonry



Due to repeated cycles of moisture in the masonry, an enrichment of all minerals (salts, lime, etc.) occurs in the foundation/masonry area, which closes the ascent paths in the pore systems.

After completion of the dehumidification process, the plaster takes over the vapour regulation in the interior and highly vapour-permeable end coatings support this effect permanently. This prevents the formation of condensation. Due to the high proportion of spherical pores, the aerius plaster system is also highly heat and sound insulating (high porosity/closed spherical pores).



Skirting renovation

RENOVATION IN FEW WORKING DAYS

With aerius FP310/FP340 the renovation can be completed in 2-3 working days.

1st day: Remove old plaster, joint renovation, preparatory work

2nd day: Apply pre-injection

3rd day: Apply necessary plaster thickness, felting, **finished!**



Salts destroy plaster



Most of the salt load remains inactive in the dried masonry and can not cause any further damage. The salt components previously absorbed into the plaster are minimum. The stable plaster structures and pore systems manage these existing amounts (existing anions) and suppress further crystallisation.



No further destruction by salts or moisture!



Bathrooms and wet cells permanently dry

With the dehumidifying, lime-cement products from IBT, permanently and reliably create dry bathrooms and wet cells. From primer to grout, everything fits together, and the result is first-class solutions.



Quick hardening, waterproof and easy-to-use adhesive and medium bed mortar. For laying natural stone and ceramic coverings indoors and outdoors.

- Hydraulically setting
- Fast curing
- Full-surface cross-linking without rising in the joints



Impermeable, vapour permeable super-joints for paving, ceramic and tiles. For grouting old and new indoor and outdoor art and natural tiles.

- Single component
- Easy-flowing
- Fast hardening

IBT-aerius-Products fulfil the requirements of **DIN 18534!**
Recommended,
conventional sealants are
not required!





Renovate buildings
with sustainable
solutions for protection
and retention of value.

More enjoyment of life and energy efficiency



Where conventional
materials fail,
IBT products come
into their own.

Build naturally - live healthily



Achieve healthy and dry buildings
with innovative coatings
and counteract climate change!



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