

**KÖSTER Anti-Mould-System**

## **Mould – a threat to health**



**After removing the visible mould...**

***Every day, five to ten litres of water evaporate in an average apartment due to cooking, bathing, washing and breathing. This leads to an excess of air moisture in the rooms. Suddenly, dark dots appear on the walls which slowly develop into bigger spots: mould has developed!***

Now prompt action has to be taken because besides the unsightly optical appearance and the creeping deterioration of the building substance, the endangering of the room climate should not be underestimated.

Mould seeds, referred to as spores or conidia, are classified as a cause of the most diverse respiratory illnesses including asthma. If the decision to fight the mould is made, it becomes evident that, due to their poisonous content, many anti-fungus-media are not much more beneficial to human health than the fungus itself.

- **KÖSTER AMS 2 Liquid Film:** Solvent-free air – but not water – permeable coating. Application is also done using a paintbrush.
- **KÖSTER AMS 3 Special Plaster:** Capillarily inactive, highly alkaline special plaster which is extremely absorbent due to its large pores. Application is done using a finishing trowel.

Due to the thin layer composition of in total only 2.5mm, the KÖSTER Anti-Mould-System can also be applied in small areas. In combination, these layers act like a huge buffer which absorbs the moisture accumulating in the room and thus prevents the masonry from absorbing moisture. Because of this, the moisture is released more quickly than it would be in the case of a conventional plaster.

The application of the KÖSTER Anti-Mould-System guarantees, proper heating and ventilation provided, dry surfaces without impairment of the room climate. Thus, mould finally is – once and for all – a problem of the past.

The KÖSTER Anti-Mould-System functions without biocides and fungus-killing poisons. It consists of three components which build on each other and are simple and inexpensive to apply:

AMS 1 Primer, AMS 2 Liquid Film and AMS 3 Special Plaster.

The secret of the KÖSTER Anti-Mould-System lies in the layer composition:

- **KÖSTER AMS 1 Primer:** Solvent-free moisture barrier with very good adhesion improving properties for all mineral substrates. The material is applied using a wide brush.



**...the KÖSTER AMS 1 Primer and at least 15 minutes later ...**



**... the KÖSTER AMS 2 Liquid Film is applied. After 1 hour curing time...**



**...the KÖSTER AMS 3 Special Plaster is applied uniformly thin...**



**... and – once it has just started to set – leveled with a trowel**