

## KULBA BioRid



Coating system against mildew and bacteria

You can find further information and news along with all technical data on our homepage at [www.kulba.de](http://www.kulba.de)!

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## Mold cultures - a health risk



### The problem

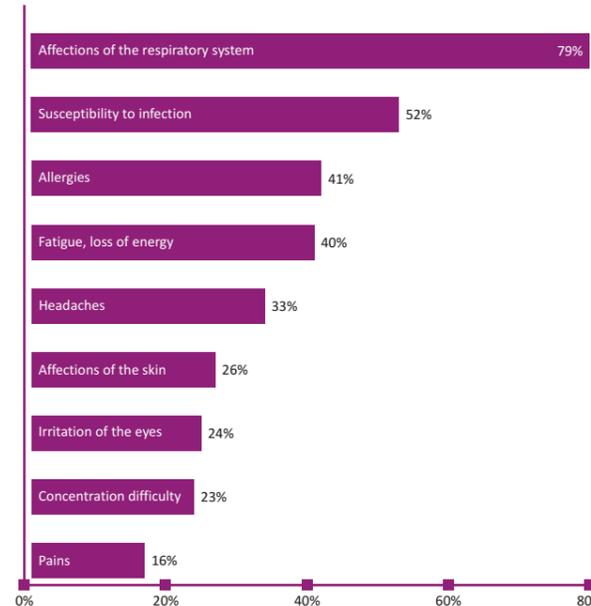
The appearance of fungi in houses, apartments, public economic buildings and production facilities carries high health risks. Inhalation of spores often cause allergies and respiratory diseases.

Companies, which produce and handle food products, e.g. bakeries, butcher's shops, breweries or creameries, are often attacked of fungi as well.

But also in hospitals and swimming pools molds should be avoided under all circumstances due to hygienic and health reasons.

A multiannual operation guarantee may be granted in appropriate use of KULBA BioRid system. For this reason production processes are interrupted less often resulting in huge cost savings.

### Mildew is mainly involved in the arising of following medical conditions



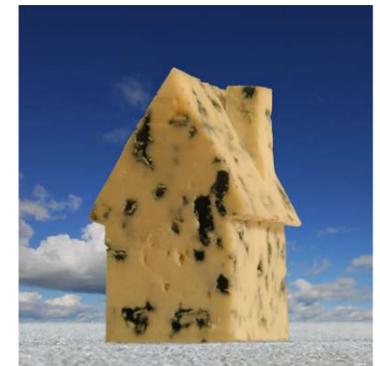
### Environmental performance

Fungi needs mainly moisture in order to grow from spores, build a mycelium and build out spores. They feel right at home at an ambient temperature of 20°C to 30°C. And if the surfaces are contaminated with dirt particles, the ideal basis for fungi cultures are given.



### KULBA BioSeal

No water - no life!  
Since the surface remains dry thanks to the intelligent KULBA BioRid-System, no mold can arise. Also bacteria have no chance to settle down on the coated surfaces.

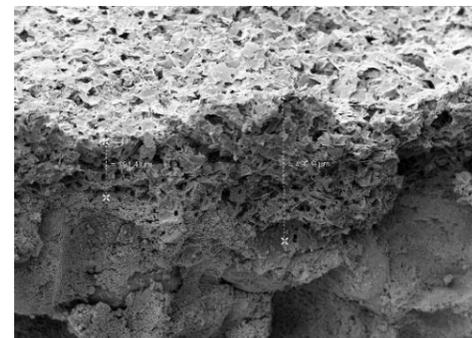


KULBA Bio Rid starts at the actual problem. Mold needs certain conditions such as humidity, secondary pollution and adequate temperatures. KULBA BioRid contains many small micro pores, which build up to a special surface structure. On the area of 1 sqm, with a 1.5 mm thick coating a total surface area of 18,000 square meters is achieved. This feature makes it possible for KULBA BioRid to absorb condensation water over a long period of time, break the surface tension and quickly release it in the state of gas at appropriate air conditions. This creates a dry surface.

Accelerated evaporation effectively prevents the formation of condensation and condensation water.

KULBA BioRid avoids permanently the livelihood for moulds and many types of bacteria.

Another reason for mildew growth is the surface pollution which basically is caused by electrostatic charges. Through this tension dirt is attracted like a magnet and additionally bounded by the existing moisture. KULBA BioRid creates a dry surface that is not electrostatic charging.



Recommended by:  
The German Club of food controller.

### Environmentally friendly

KULBA BioRid system are soluble in water and do not contain any chemical solvents, so rest materials are no hazardous waste. KULBA BioRid chlorine-free, odorless, non-flammable and toxicologically harmless when burned (ISO 5659-2).

The three component system KULBA BioRid is suitable for prevention and refurbishment as well and offers the following products:

#### KULBA BioWash\*

A special cleaning detergent, which penetrates deeply and fights cultures also in the deep. Also suitable for cleaning surfaces on a regular base.

#### KULBA BioSeal

A special primer for all porous surfaces.

### KULBA BioRid

KULBA BioRid is a protective coating against fungi build-up. Moisture is absorbed, evenly distributed and can easily evaporate to the air again.

The KULBA BioRid system guarantees - when used as a complete system - highest possible protection against fungi.

#### Where can KULBA BioRid be used?

Everywhere, where an attack of fungi or bacteria may appear or has already appeared. The coating system is suitable for the application in residential rooms as well as in business or public buildings. This product can already show many reference objects of great successful fungi protection, especially in areas, where food is produced or processed, areas of public health service or areas for sport and recreation.

KULBA BioRid mustn't be used on surfaces, which are permanently in contact with running water or with mechanical abrasion.

\* Biocides have to be used with care. Always read labels and product information before using the product.