

# IDMM

## International Dairy Magazine

# 5

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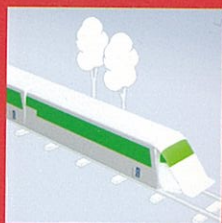
MILK PROCESSING TECHNOLOGY

[www.international-dairy.com](http://www.international-dairy.com)



**CHR HANSEN**

*Improving food & health*



## Premium culture solutions for all needs

Chr. Hansen's YoFlex® cultures for yoghurt and fermented milks are designed to individually cover different needs in the global market and jointly cover as widely as possible.

### **YoFlex® Express** –

very fast fermentation without compromising on mildness and stability of acidity in the yoghurt throughout shelf life.

### **YoFlex® Advance** –

takes yoghurt viscosity and creaminess to the next level.

### **YoFlex® Harmony** –

gives you excellent viscosity and pH stability even under challenging storage conditions.

When we combine our state-of-the-art scientific research, long experience within the dairy industry and global application knowledge, new solutions are born.

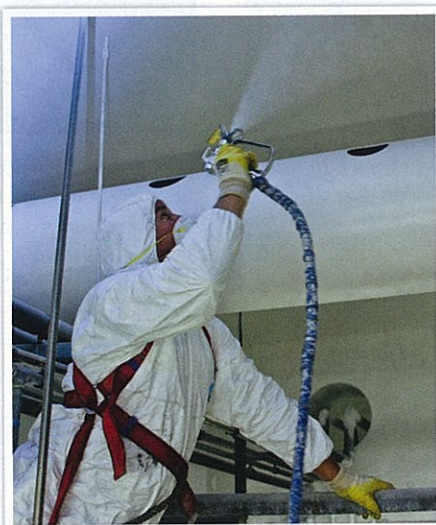


# Bioni

Permanent protection against mold

**M**old is a significant hygienic problem in production and storage rooms of the food industry, and is often extremely expensive and difficult to eliminate. A thorough cleaning of equipment, conveyors and surfaces will only partially solve the problem, and areas that are difficult to clean, such as ceilings, add to the problem. The growth of micro-organisms is exacerbated by the humidity created in the cleaning process, resulting in loss of production and the need for constant maintenance.

Bioni Hygienic is the first nanotechnology-based wall-paint whose properties perfectly match the needs of the food industry. A patented protection mechanism developed in cooperation with the renowned German Fraunhofer Institute for Chemical Technology provides for the first time a durable and eco-friendly long term protection against the colonization of mold, mildew and microbes. ICT scientists have bonded small silver particles 13 nm.diameter to the surface of the paint without adding the usual toxic biocides, which are at best only temporarily effective in the prevention of mold. Bioni's optimal moisture-regulating properties guarantee maximum protection. The German technical support organization TÜV-Produkt und Umwelt in Cologne has proved that Bioni products do not contaminate ambient air.



**Bioni Hygienic is sprayed onto walls and ceilings**

In addition, Bioni Hygienic has optimal adhesion properties, is extremely resilient and resistant to chemicals.

## Cutting cost

When walls and ceilings have repeatedly been affected by mold, the sub-grade will have been colonized by micro-organisms and spores. Sanitization of the surface is not enough as disinfectants are normally not able to reach the deep layers of material. Removing the contaminated surface of a concrete ceiling is extremely difficult and problematic; milling or sandblasting

the surface will only increase the spread of spores and dust, thereby further polluting the storage/production rooms. To solve the problem, Bioni offers a special primer coat which can be directly applied to the contaminated surface. It seals the old biomass with a layer of insulation. The surface must first be wiped clean before applying the primer, eliminating the need for costly high-pressure cleaning, disinfectants or removal of surface material. Once the eco-friendly primer has dried, it becomes as hard as concrete and offers an ideal mold-free subsurface for the final coat of Bioni Hygienic Paint. The unique Bioni system is ideally suited for the restoration of old and new plaster, previously-painted walls, concrete, sand-lime bricks, and various wall panels, i.e. coated or treated boards, drywall and sheet rock, etc.

Bioni has had great success worldwide in restoring mold-contaminated surfaces which have been so problematic for the food industry. The Bioni company offers a full range of services and customer-care including preliminary assessment, damage analysis, microbiological pre-analysis, a staff of trained personnel to apply its full line of products and periodic monitoring of the painted surfaces. This guarantees maximum safety and continual success of the restoration process. [bioni.de](http://bioni.de)



**Sanitization of surface is not sufficient as disinfectants cannot reach deeper layers of material**



**A primer applied onto surface seals old biomass**