



ISKU



KORPINEN



LOJER  
For easy care

**ISKU – FURNITURE**

Isku is a Finnish company that provides interior design and furniture solutions for public premises. We design, implement and market comprehensive interior design solutions that are functional and comfortable and meet the customer's needs for all public premises.

ISKU Health products are a new solution for more efficient prevention of the growth and spreading of bacteria. Based on the latest research and development work, ISKU Health introduces hygienic solutions to increase the purity of the environment where bacteria abound. We often come into contact with surfaces and furniture in places like hospitals, schools, day care centers and care facilities, where bacteria can easily spread. With ISKU Health products, tried and tested materials and solutions can be used to build and furnish pure safety and increase well-being in such environments. The hygienic surfaces are based on the inherent properties of copper and silver. [www.isku.com](http://www.isku.com)

**ORAS – TOUCHLESS, ADVANCED SANITARY FITTINGS**

Oras Group, a significant European provider of sanitary fittings, has two strong brands Oras and Hansa.

Microbes are transferred from person to person via unwashed hands. 80% of microbes are transferred through touching, either directly or by touching the same surfaces as others. Touchless Oras faucets significantly improve hand hygiene. They are hygienic, easy to use and safe, saving both water and energy. [www.oras.com](http://www.oras.com)

**KORPINEN – BATHROOM FURNITURE AND ACCESSORIES**

Korpinen is a Finnish family-owned company that is over 80 years old. The company is specialized in designing and marketing accessible bathrooms, bath-

room furniture and aids. Safe and functional Gaius bathrooms support independent living and ergonomic solutions reduce the workload of assistants.

The demands of high hygiene are taken into account in Korpinen's furniture and other products. Microbe-eliminating surfaces prevent the spreading of infections through furniture. Durable and microbe-eliminating coating improves both safety and cleanability and reduces the environmental impact. Washbasins, handrails and elastomer coated support rails form a safe and hygienic product line. [www.korpinen.com](http://www.korpinen.com)

**ABLOY – DOOR ENVIRONMENT PRODUCTS**

Abloy Oy is part of world leading door opening solution supplier ASSA ABLOY. ABLOY protects people, property, and business operations on land, at sea, and in the air – in all circumstances. Solutions created for users' individual needs extend from locking of homes to sites of operations.

Abloy has developed ABLOY ACTIVE technology which is available for door environment products such as door handles and pulls, panic bars and cylinder housings. ACTIVE is powder coated hygienic surface which destroys 99% of all harmful bacteria.

ACTIVE is easy and efficient way to improve hygiene safety and reduce customers' operational costs. [www.abloy.fi](http://www.abloy.fi)

**TEKNOS – CLEANROOM POWDER COATINGS AND INDOOR PAINTS**

Teknos is one of Europe's leading suppliers of industrial coatings with a strong position in retail and architectural coatings. Our strengths are technical expertise and continuous research and development work with a focus on customers' needs.

Hygienic INFRALIT EP/PE 8235 developed by Teknos is the most effective powder coating on the market in terms of preventing microbial growth. It is the ideal solution for surfaces that require the best possible level of hygiene. In addition to its hygienic characteristics, the powder coating has top-class resistance against wear and corrosion, so it is also suitable for highly demanding applications.

The TIMANTTI CLEAN indoor paint has been developed to provide hygiene management characteristics that remain effective throughout the lifetime of the paint film. The product has been classed at level M1 in the Emission Classification of Building Materials and it has been granted the right to use the Finnish Allergy and Asthma Federation's allergy symbol. TIMANTTI CLEAN is suitable for use in indoor areas with exposure classes 04 and 05, where the wall and ceiling surfaces are required to have good cleanability and resistance to mechanical wear. [www.teknos.com](http://www.teknos.com)

**LOJER – EXPERT OF MEDICAL FURNITURE AND PHYSIOTHERAPY EQUIPMENT**

Lojer Group is the biggest Finnish manufacturer of hospital and the largest supplier of physiotherapy equipment in the Nordics. We manufacture for example operating tables, hospital beds, examination tables, treatment tables and medical chairs.

We are committed to giving healthcare professionals easy access to sustainable medical equipment and tools for effective patient care and treatment, right now and continuing into the future. Antimicrobial solutions and new materials will improve the safety for both the healthcare professionals and patients, when there's less infections and contaminations in hospitals. [www.lojer.com](http://www.lojer.com)



HygTech Alliance



ACTIVE DESIGN, MADE TO SHARE



HygTech Alliance

[www.hygttechalliance.com](http://www.hygttechalliance.com)



# HOLISTIC SOLUTIONS FOR HYGIENE MANAGEMENT OF PUBLIC SPACES

The HygTech Alliance is a group of six Finnish companies aiming to develop products and solutions related to hygiene management. We, the companies in the alliance – **Isku, Oras, Korpinen, Abloy, Teknos** and **Lojer** – are convinced that building technology solutions and fittings developed for hygiene management will enable a significant reduction in the rates of hospital infections and other diseases transmitted through contact.

The rise of bacterial resistance to antibiotics and various epidemics such

as avian flu, swine flu, Ebola, and MRSA, which has occasionally caused major disturbances in hospitals, have been the cause of concern and the subject of much debate. The alliance aims to play its part in supporting work to prevent infectious diseases and strives to identify solutions to epidemics and global challenges such as pandemics.

When the key contact surfaces are made hygienic or completely contact-free, the number of diseases and infections that are transmitted

through contact can be reduced by up to 50%. In turn, this reduces the rate of absence from work due to illness and will lead to significant savings in factors such as health care costs.

By investing in products developed for hygiene management, companies and organizations that build public spaces can invest in better health and in financial well-being.

**Further information:**  
[www.hygtechalliance.com](http://www.hygtechalliance.com)



## WE ARE MAKING PUBLIC SPACES SAFER AND MORE HYGIENIC

- Hospitals, medical centers and other health care premises
- Laboratories
- Sheltered homes and old people's homes
- Schools and kindergartens
- Transit
- Office premises
- Hotels, restaurants, and cafes



WASHING HANDS



REGULAR CLEANING



HYGIENIC SURFACES

## THREE STEPS OF CLEANLINESS

Hygienic surfaces work like a 24/7 cleaner, actively and tirelessly preventing the bacteria from spreading. They are, however, only one part of the solution. Complete cleanliness can be achieved by following all three steps.

## HYGIENE SAFETY GUARANTEE

### EFFECTIVE

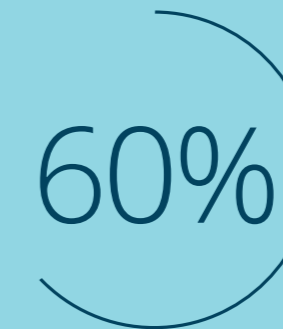
We help reduce the number of touch-based infections by half. This brings significant savings to health care related costs and improves the return on investment of the solution.

### EASY

We make planning and designing hygienic shared places and environments easy with our holistic concept that includes good looking solutions to all key touch surfaces.

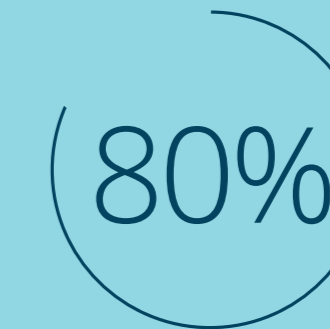
### SAFE

Holistic line of defense is based on silver's or copper's inherent activity or touch-free technology.



### LESS INFECTIONS IN HOSPITAL

New materials and solutions can reduce the number of infections in hospitals by up to 60%\*, which translates into savings of 4 billion € in Europe



### LESS CONTAMINATIONS

Copper has been tested in clinical trials around the world. Studies show 80% less contamination on copper surfaces than non-copper equivalents.



### BACTERIA ELIMINATION

Antimicrobial copper is the most effective touch surface material in the fight against pathogenic microbes, killing greater than 99.9% of bacteria within two hours of exposure. No other material comes close.

\* Results from a US clinical trial, funded by the Department of Defense, observed a 58% reduction in intensive care unit patients' risk of acquiring a healthcare associated infection when just key touch surfaces in their rooms were replaced with hygienic items.