
ALPactive® the pre-insulated antimicrobial ductwork



ALPactive®, a contribution to health protection

ALPactive® anti-microbial duct, or the defender of wellness and health, derives from the combination of two revolutionary ideas.

ALP System pre-insulated HVAC ducts represent a brilliant technological innovation.

They indeed solve, once and for all, the problems related to the design and maintenance of heating, air conditioning and ventilation installations.

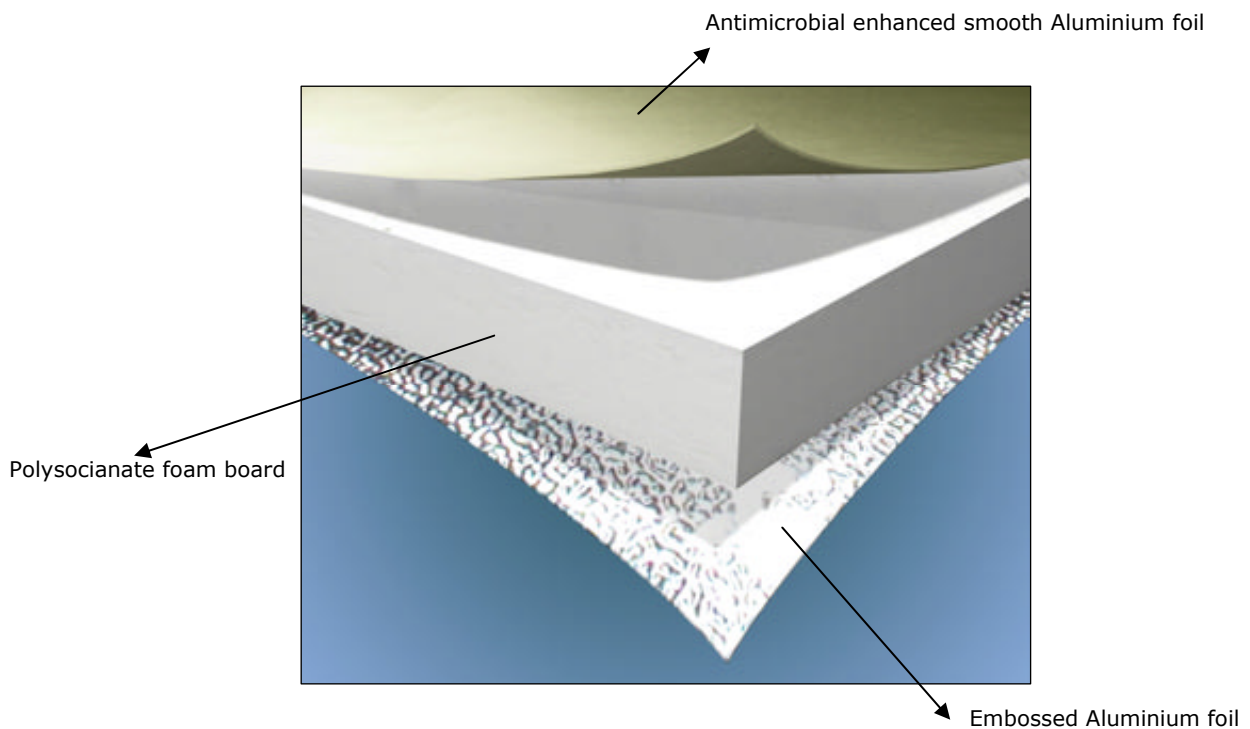
They are extremely light, quick to assemble and allow high energy savings by limiting air losses and by keeping at the same time superior hygiene and safety levels.

ALP System ducts are constituted by a rigid close-cell polyisocyanate foam board, of various thicknesses, faced on both sides with lacquered smooth or embossed aluminium foils.

An industrial process, tested and patented by ALP, grants the incorporation of the antimicrobial compound into the aluminium foil of ALP System.

ALP devotion to research has led to the creation of **ALPactive®**.

It is an effective answer to the increasing demand for pure air in those buildings, such as hospitals, pharmaceutical and food industries, in which the proliferation of bacteria, moulds and fungi represents a serious threat to the preservation of asepticity.



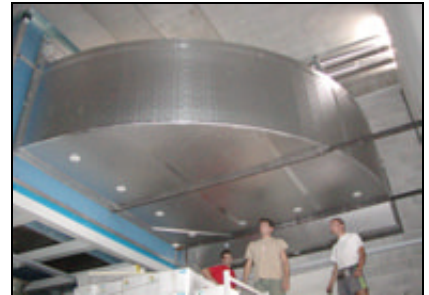
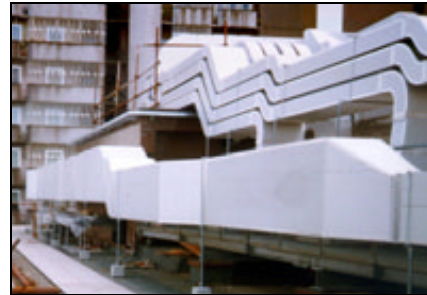


Why use ALPactive®?

A greater awareness of the damages caused by bacteria, the recent increase of epidemics and a wider knowledge of the necessity of salubrious air, wholesome water and food, as well as the introduction of specific norms about Indoor Air Quality and the economic advantages deriving from a correct maintenance make it compulsory to use active and/or passive technologies to achieve air salubrity.



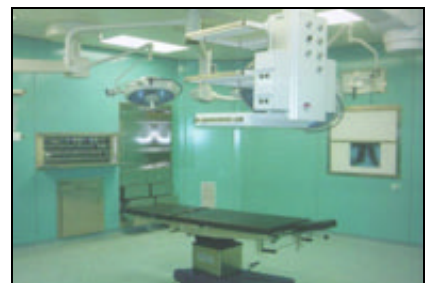
In this context **ALPactive®** asserts itself as the most innovative reference point for a qualitative control of air.



ALPactive® and ALP System

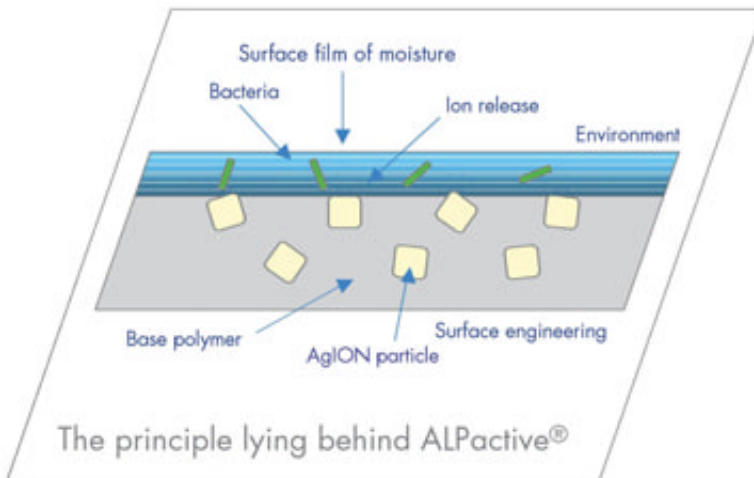
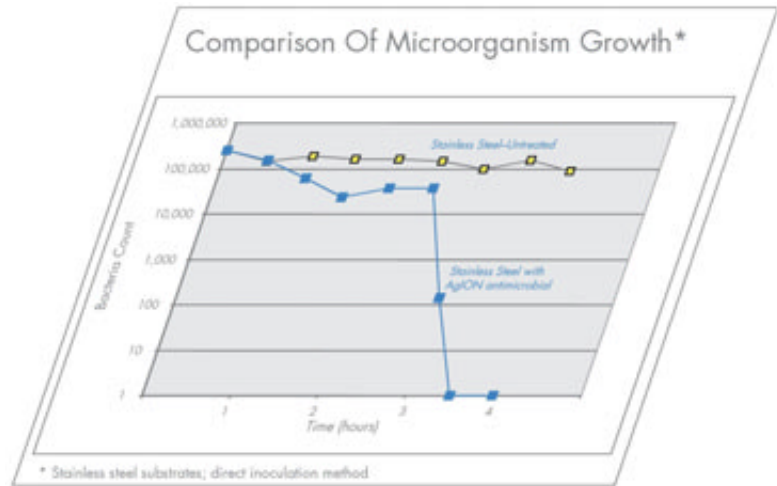
ALPactive® is the natural technological evolution of ALP System.

It takes advantage of all technical and engineering synergies that ALP has developed during the years.



ALPactive® action

The active principle of ALPactive®, AgION antimicrobial, exploits a slow but continuous release of silver ions. These ions disrupt the cell wall functions of microbes and bacteria, interrupting their breathing and arresting their reproduction through the inhibition of RNA (RNA is the molecule depository of the genetic information transmitted from cell to cell).



ALPactive® is an absolutely safe product for air salubrity. It shows innumerable advantages compared to those offered by the use of other antimicrobial treatments. It preserves its antimicrobial action simply thanks to air relative humidity and it is active for a long time, up to 10/15 years.

It is efficacious against a wide range of bacteria such as, for instance, legionella, salmonella and listeria and against fungi and moulds. Moreover its active principle is used non only in the panel, that is the main element of ALP System, but also in all its accessories thus improving the antimicrobial yield.

Why has ALP decided for AgION?

For centuries silver has been known and used as one of the most effective substances against infectious agents.

In decades of activity, AgION has developed the best antimicrobial system based on silver ions action.

Boasting hundreds of patents and possible applications, AgION has proved to be the ideal partner for the creation of ALPactive®.

ALPactive® fields of application

ALPactive® is the ideal solution for the critical issue of air salubrity in the following milieus: operating theatres, hospitals, pharmaceutical and food industries.

Finally, at the same cost of the traditional system, it is possible to install a duct that grants a high level of air pureness also in such areas that still lack specific regulations such as schools, hotels, cinemas, theatres and offices.



Pharmaceutical
Industry



Clean Rooms



Public
Entertainment
Rooms



Food
Industry



Hospitals



Offices
Residential



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