

HEXIS NEW ANTIMICROBIAL FILM

PUREZONE

Performance and protection anywhere, anytime

HEXIS **PURE ZONE** PROTECTIVE LAMINATE IS
A VERY INNOVATIVE ANTIMICROBIAL PROTECTION

It is a **transparent self-adhesive film with antimicrobial properties.**

Very thin and soft, it can be applied onto any surface:

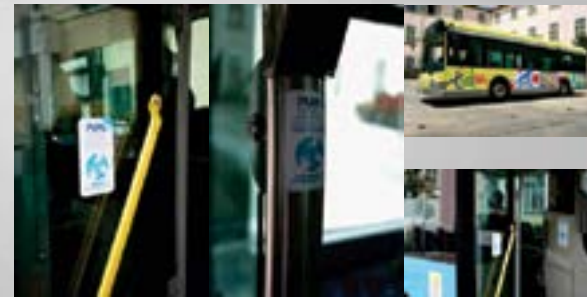
- Flat surfaces : walls, counters, tables, doors
- Curved surfaces: toilets, door handles
- Touch screens



Suitable in all kind of environments:

- Hospitals, clinics, medical practices, tattoo shops, dentists
- Nurseries, kindergartens, schools, universities
- Malls, laundries
- Food industry
- Public transportation: vehicles, airports, train stations

The next application could be yours...



ANTIMICROBIAL PROTECTION
AT YOUR PREMISES

Turner signs & designs
signs • printing • embroidery
Ph:0429401268 turnersigns.com.au

dean@turnersigns.com.au

0429401268

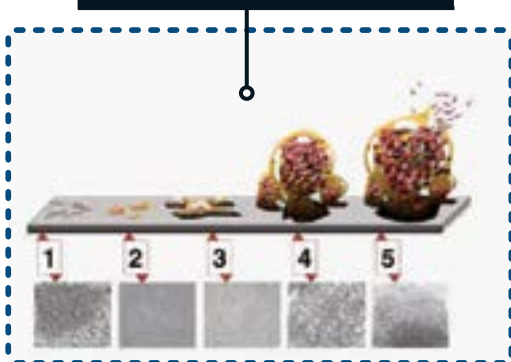
TURNER SIGNS
3/108 KABLE AVENUE
TAMWORTH NSW 2340

→ BIOFILM = DANGER

BIOFILM IS COMPOSED OF MICRO-ORGANISMS AND A MUCOUS LAYER THAT REQUIRES A MECHANICAL CLEANING ACTION.

THIS IS WHERE BACTERIA PROLIFERATE.

BIOFILMS FORM VERY QUICKLY



Studies suggest that silver ions are capable of destabilising the biofilm matrix (1), preventing the spread of germs within the matrix and enabling the cleaning products to be effective.

(1) Chaw KC, Manimaran M, tay FEH. Role of silver ions in destabilization of intermolecular adhesion forces measured by atomic force microscopy in *Staphylococcus epidermidis* biofilms. *Antimicrob Agent chemother* 2205;49(12):4853-59

A biofilm is a complex microbial community, consisting of bacteria and, on occasion, fungal species embedded within a protective polysaccharide matrix.

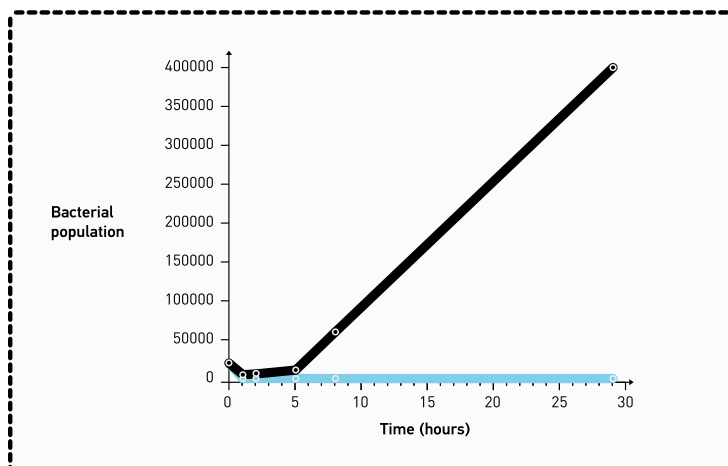
Managing biofilm requires:

- Reducing the microbial load through intensive cleaning in order to eliminate dormant bacteria
- Preventing the biofilm from reforming (with silver ions that destroy the so-called solitary, free-floating planktonic bacteria, for instance)

Performance and protection anywhere, anytime

HOW A BACTERIAL POPULATION GROWS

- without PURE ZONE
- with PURE ZONE



→ PROOF FROM TESTS

THE HEXIS FILM CAN BE APPLIED EVERYWHERE

“NON-IRRITANT”

Safe for use on human skin.

Assessment and analysis of the irritant effect do not reveal any irritant effect, which demonstrates good skin compatibility of the product, PURE ZONE ANTIMICROBIAL FILM.



dean@turnersigns.com.au

0429401268

TURNER SIGNS

9 Wee Waa Road Narrabri NSW 2390

3/108 Kable Avenue Tamworth NSW 2340

Turner
signs & designs

signs • printing • embroidery

Ph:0429401268 turnersigns.com.au