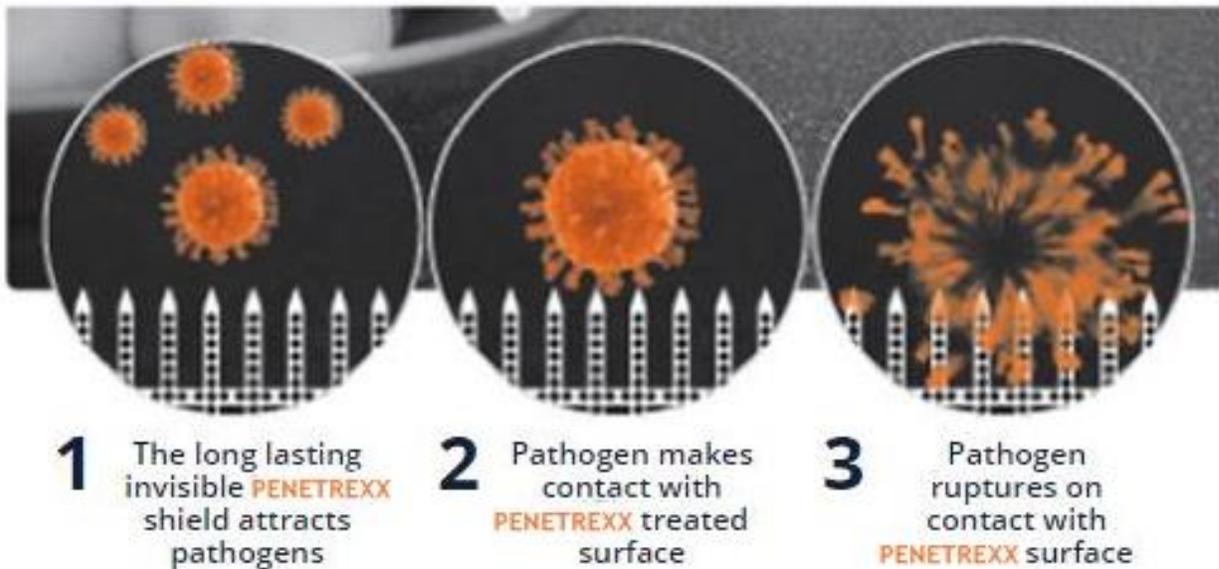


PENETREXX

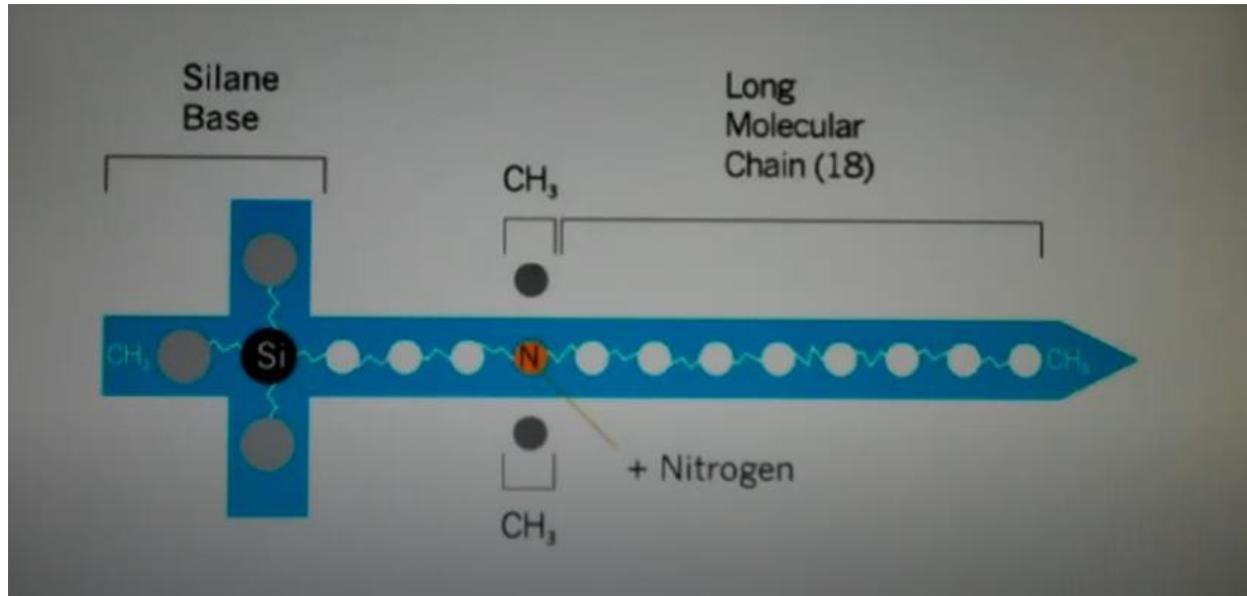
Antimicrobial Spray

When sprayed onto any surface, **PENETREXX** forms a safe, non-toxic, odorless & invisible polymer shield which lasts up to 30 days...and which 'mechanically kills' microorganisms which come into contact with it.

...including bacteria, viruses, and mold.



How **PENETREXX** Works....



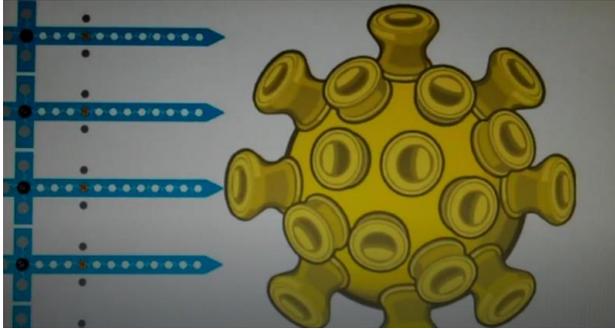
PENETREXX is sprayed onto a target surface (via a simple handheld spray bottle or backpack style electrostatic sprayer) where it forms an invisible and odorless polymer coating, which lasts up to 30 days. The molecules which form this polymer act like tiny, electrostatic swords.

A Silane base is the 'anchor' of the **PENETREXX** molecule. Covalent bonds formed through hydrolysis reactions allow molecular cross-linking and polymerization, tightly adhering **PENETREXX** permanently to almost any surface.

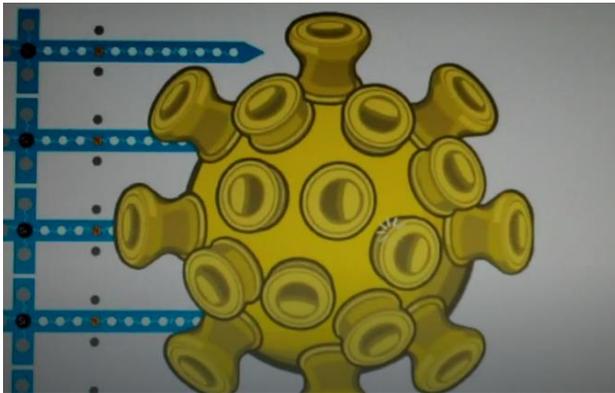
The second section of the molecule consists of positively charged nitrogen ions, which attract (and later destroy) negatively charged material, including various microorganisms which come into close proximity to the **PENETREXX** coated surface.

The third section is a long sword-like molecular chain which acts to pierce the outer membrane of those microorganisms, and facilitate their destruction.

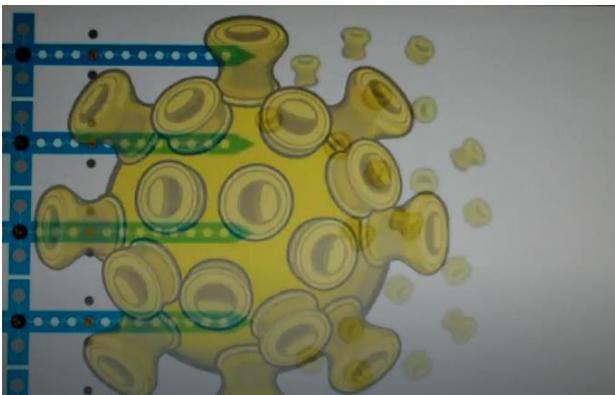
These three areas combine to give **PENETREXX** its unique and powerful action.



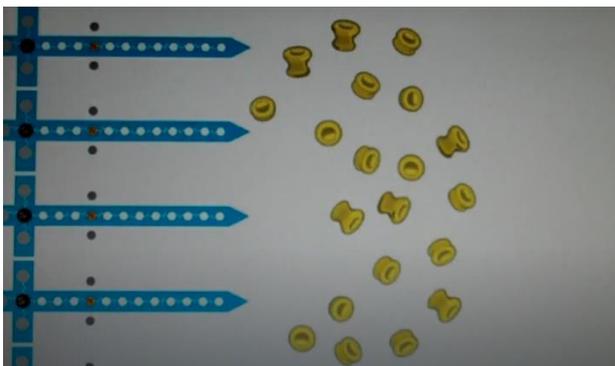
Here, a microorganism has come into close proximity with the **PENETREXX** coated surface, and is first punctured by the long molecular chain.



The positive-negative attraction between **PENETREXX** and the membrane of the microorganisms draws it closer, pulling it further down onto the “sword-like” surface, and continuing penetration of the microorganism.



This action alone is often enough to disable the microorganism, but upon contact between the positively charged nitrogen core of **PENETREXX** and the negatively charged membrane of the microorganism, the membrane is electrocuted...



...and blown apart, providing a mechanical ‘kill’ of the microorganism.

While the **PENETREXX** shield itself remains intact...and ready to kill the next pathogen.

PENETREXX

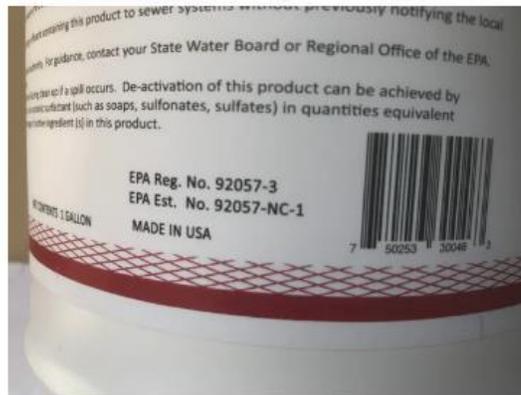
Manufactured in the USA, **PENETREXX** is a broad-spectrum antimicrobial, proven to be effective against bacteria, viruses, and mold. Unlike other products which use alcohol, bleach or other dangerous substances, **PENETREXX** kills and disable microorganisms by 'mechanical means'.

This means that rather than using a toxic chemical to kill, **PENETREXX** works by bonding to surfaces to create a protective shield which continuously kills germs for extended periods.

Once applied on surfaces, **PENETREXX** protects for up to 30 days, even after regular cleaning. It has multiple EPA registrations and approvals, and has a toxicity rating similar to that of vitamin C.

PENETREXX is non-toxic and can be safely used around people, pets, food and plants.

PENETREXX Is **MADE IN THE USA** and is EPA certified, and...



PENETREXX Is available in 1 or 5 gallon bottles, as well as 55 gallon drums.

