

WORSH
NANO POWER
Biocidal Anti-Microbial-Virus Solution

✓ Anti Virus

✓ Anti Bacteria

✓ kills 99.99% of Germs



**GERMAN
CERTIFIED**

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NANO POWER

Biocidal Anti-Microbial-Virus Solution



“Nano”, which means “extremely small, small, dwarf” in Greek, is one billionth of physical size in words.



As a unit of measure, a nano meter (nm) is one billionth of a meter.



Chemical and physical changes that are not seen in nanoscale, macro-size are seen and qualified coatings can be obtained sized particles properly cover to the surface.



Combining atoms and molecules and creating functional structures at nano meter scales are defined as nano technology.



NANO POWER COATINGS



Nano technology product,



Draw attention not only as a coating indoors and outdoors, but also with its features that add different functions to the material surface.



Functional NANO POWER COATINGS can be applied type of surface after calculating the ratio of chemical raw materials that will provide the desired properties.



Such as glass, metal, ceramic, concrete, plastic, fabric



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Biocidal Anti-Microbial-Virus Solution

provides

- ◆ Self Cleaning
- ◆ Easy to clean
- ◆ Anti bacteriality
- ◆ Fire Retardant
- ◆ Scratchproof
- ◆ Abrasion resistance
- ◆ Corrosion Resistance
- ◆ UV Resistance
- ◆ Water Repellency
- ◆ Preventing Mold Formation



NANO COATING



When apply to
material surface



self-cleaning



easy to clean



anti-bacterial-virues
property



scratch-abrasion
resistant

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surfaces created in this way,
It is classified as



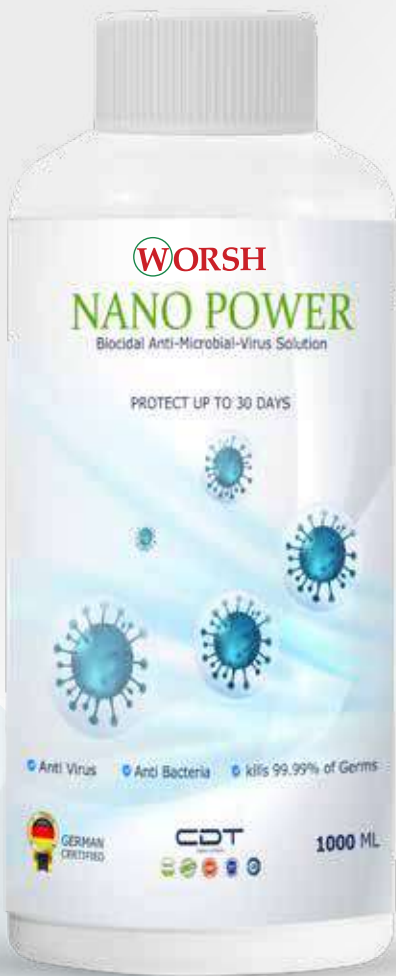
Antibacterial Hydrophobic surfaces (water removing)



Antibacterial Hydrophobic surfaces (attracts water)



Antibacterial photocatalytic surface



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micro systems

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Biocidal Anti-Microbial-Virus Solution

◆ In history, the Persians and later the Greeks and Romans preserved their water and food in silver containers by discovering the anti-bacterial properties of silver.

◆ It is a known fact that the use of silver in the meals and teams of aristocratic families in plague epidemics in the Middle Ages caused these families to overcome the plague epidemic with the least casualty.

◆ By increasing the activation of silver by reducing it to nano size, it increases the killing effect on bacteria, fungi and viruses.

◆ Nano power is metallic silver particles with a size of 13 nanometers.

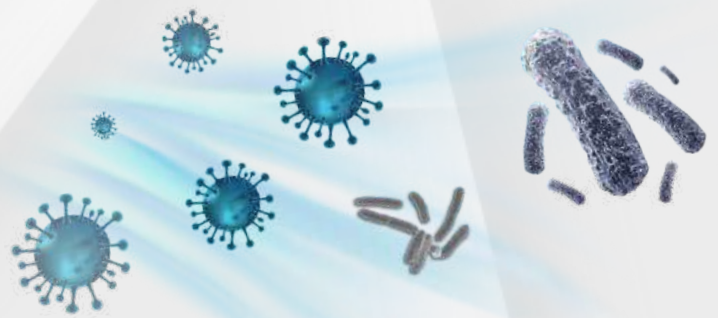
Nano power

antibacterial-virus nano coating is obtained with a very special nano technological process.

◆ Antibacterial-virus nano power nano coating; The metabolism of the bacterial, virus or fungal cells that come into contact is impaired and their enzymes become ineffective by electrical interaction and their cells die.

◆ colloidal silver have attracted the attention of the scientific environment for many years because of their anti-bacterial -virus effects and the inability of bacteria to develop anti-biotics against silver

◆ It is possible to protect against microorganisms causing disease with NANO POWER nano coating solutions with ANTIBACTERIAL -VIRUS feature prepared using nano power (Ag) ions.



Meanwhile, NANO POWER nano coated with antibacterial properties do not react with any cells in the human body and do not cause harm to human health, pets, plants,

in other words, **MULTI-CELLED ORGANISMS.**



The membrane in human cells prevents the effect of silver in the cell.

where as,



since nano power impairs the metabolism of viruses and bacteria, to develop any defense system. thus, it is not possible for **NANO POWER**



During the function, nano Power does not react in any way, its shape does not deteriorate and its function continues.



The system does NOT require any additional additions

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- ◆ Moreover, since NANO POWER does not release, the antibacterial property maintains its long term persistence.



- ◆ It has **ANTIBACTERIAL-VIRUSES FEATURE**
Nano coating is applied to ceramic materials and anti bacterial-viruses effects, especially health structures, are desired.
It is used in indoor and-or outdoor ceramics.



- ◆ Providing scratch and wear resistance, anti - corrosion, protection from ultraviolet (UV) rays NANO POWER NANO COATING, which is applied on the surfaces that can be scratched, increases the hardness of the surface and expands its usage areas; The corrosion resistance of the materials is increased and the surface is protected from corrosion..

IN SUMMARY:



NANO POWER nano coating is an environmentally friendly and long-lasting disinfectant application that does not harm human health, destroying bacteria, fungi and viruses.



Public transportation vehicles, airports, hospitals, schools, offices, places of worship, hotels, factories, residences, etc. It is effective in all areas such as risk.

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Effectiveness period: Thanks to NANO POWER 30-90 days depending on usage density; Public transport, airport, crowded places ~ 30 days.



Workplace, automobile ~ 90 days



It destroys 650 known pathogens that have been mutated or not.



Economy



NANO POWER

Nano power is effective for an average of 30 days according to the calculation of instant disinfection every day



it costs about 10 times less.



Even the labor cost of 30 applications is higher than the cost of nano power.

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GC-MARK® CERTIFICATE

Firma Adı

Adress

Scope:

Manufacture, supply and usage of biocidal anti-microbial solution used at restaurants, hotels, shops.... based on EU regulation detail

has fully met the international requirements of the Global Certification of Compliance program. Through an independent audit, it has been verified that the products included in the scope of the assessment are the outcome of an effective quality management system, enabling the organization to manage and reduce all applicable risks and to consistently deliver products that correspond to the relevant specifications.

The organization is authorized to bear the following GC-Mark:

Verified Product Quality

Certificate registration no.	XXXXXXXXXX
Date of certification	XXXXXXXXXX
Valid until	XXXXXXXXXX



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WITH NANO POWER NANO COATING LIFE IS ANOTHER SAFE AND BEAUTIFUL
THANK YOU...

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Use biocidal products in accordance with safety rules. Read the label and product information before use. Our verbal and written instructions for use are based on extensive testing. Our suggestions are presented within the scope of our current information; however, our recommendations are not binding, as their application and storage conditions are directly outside our control limits. We do not have any responsibility for the product descriptions made, the component properties given and any damages that may occur.



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