



ANTIBACTERIAL

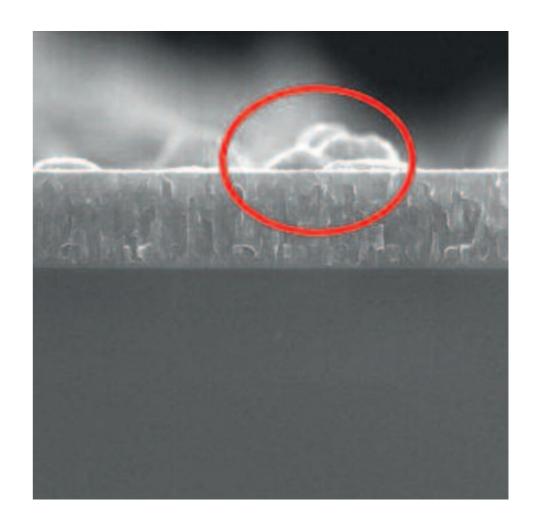
NANOTECHNOLOGY TREATMENT



What is Antibacterial Nanotechnology Treatment?

The antibacterial ions form clusters (nano-inclusions) inside the complex architecture of the multilayer coating. These clusters release the antibacterial ions on the surface of the piece, destroying the bacterial cell membrane by blocking its nutrition and interrupting the cell division cycle.

Thanks to the innovative production processes the Antibacterial Nanotechnology Treatment is able not only to completely inhibit the growth of bacteria but also to eliminate them, guaranteeing a durable and perfectly hygienic surface.



Key advantages

- Revolutionary nanotechnology
- Not just bacteriostatic but Bactericidal (This surface not only inhibits bacteria growth but destroys it)
- The treatment destroys bacteria cells by blocking their nutrition chain and the ability for the cells to divide and multiply
- The treatment lasts for the life of the utensils and even improves with time (thanks to the extra hardness of PVD)
- Fully hypoallergenic and safe for contact with food
- Certificates available
- Perfect for Hotels, Retirement Homes, Restaurants, Airline Lounges, Hospitals
- Reduce bacteria spread and boost consumer confidence
- The treatment is available for every Mepra item, flatware, cookware and holloware

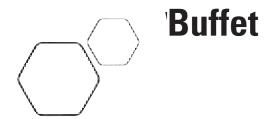
Flatware









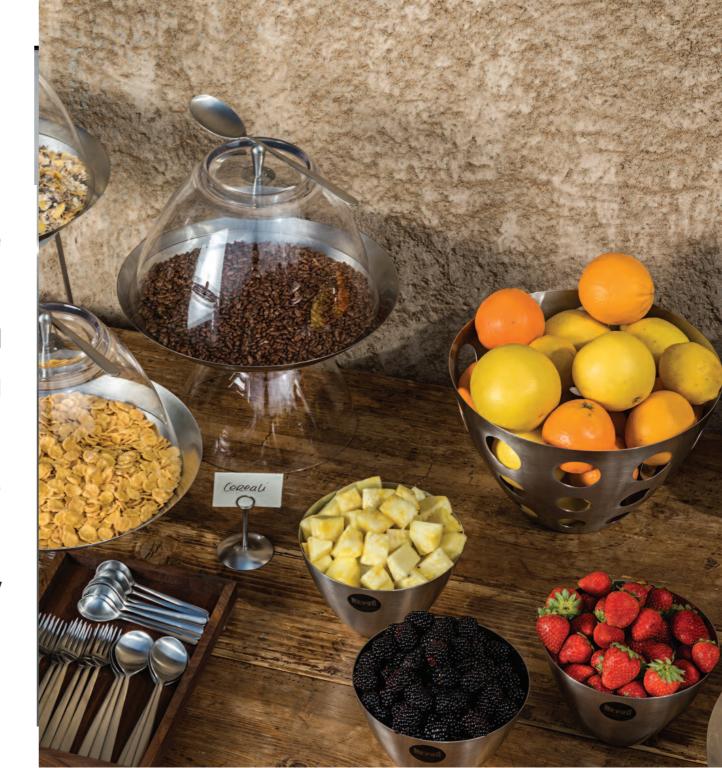


Buffet Serving Utensils and Room service equipment are two key areas that will need careful consideration.

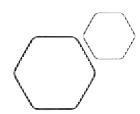
Buffets will require a heightened level of hygiene in all areas such as sneeze guards, sanitizer stations and even pre-portioned serves.

Serving utensils are the obvious focus, due to multiple hands touching the same item.

Imagine serving utensils where the surface not only inhibits the growth of bacteria, but destroys them.







Room Service

Room Service will be another focus point. Mepra's beautiful room service solution consists of a cloche, a thermal / insulation base and a disk that is used for heating and cool. This system can also be finished in Anti-bacterial Treatment.







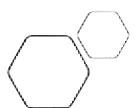
What is Antibacterial Nanotechnology Treatment?

All Mepra's item are available with Anti-bacterial finish. Please click here to see the full catalog.

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NANOTECHNOLOGY TREATMENT



Certificates





ART. 470538 Window Decals

cm.

 $H 5 \frac{1}{8}$ x $3 \frac{1}{8}$



Mini table number stand

cm. in. H 7 H 2 3/4"



18/10 Stainless steel table display stand

cm. H 16 H 6 3/4" 14 x 7 $5 \frac{1}{2}$ " x $2 \frac{3}{4}$ "





SEZIONE DI MICROBIOLOGIA Responsabile Prof. Amaldo Caruso Tal. 030 3995690 Fax 030 396268 E-Mail: amaide.caruse@unibs.it

Certification of the antibacterial activity of treated metallic surfaces

This is to certify that the coating GUN METAL

has antibacterial properties

The Antibacterical Coating has been tested for its antibacterial activity by the Laboratory of Microbiology - Spedali Civili di Brescia Università degli Studi di Brescia (certified by the quality management system

Results obtained have been evaluated according to the international standards guidelines:

- JAPANESE INDUSTRIAL STANDARD JIS Z 2801:2010/A1: 2012, Antimicrobial products - Test for antimicrobial activity and efficacy"

- ISO 22196:2007 (E); " Plastics - Measurement of antibacterial activity on plastics surfaces"

Full details of test conditions and results are given as technical attachment

Brescia, March 1 2017

Prof. Arnaldo Caruso



a. This certification has not to be intended as a CE certificate released by the appropriate Notified Body.



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Available upon request

Available Antibacterial Nanotechnology Treatments

MEPRA is at work to certify the major number of Antibacterial Nanotechnology Treatments in way to be able to supply the whole colour range as soon as possible.

For the moment it is possible to produce **three Colors**:

Antibacterial Stainless Steel

Antibacterial Oro (Gold)

Antibacterial Oro Nero (Black gold)

Combined with 3 Finishes:

Mirror, ICE, Pewter



How much does the Antibacterial Nanotechnology Treatment cost?

This everlasting antibacterial coating can be applied on any MEPRA product



The prices can easily be calculated:

STAINLESS STEEL

Mirror, ICE or Pewter

= + 60%

PVD

Mirror, ICE or Pewter

= + 20%