

What Is nanotechnology?

Nano technology is no longer for Tomorrow's World- it is now revolutionising the Cleaning and Health industry

For many years the talk about nano technology has been a highly esoteric, theoretical debate; however, this has all changed as we can now purchase off- the shelf nano products, which do exactly what they say on the tin.

These are surface protection products and they will revolutionise the way we clean and protect our environment. These treatments have been created in order to satisfy the demand for self cleaning and easy clean surfaces, which possess background bacterio-static effects. It may sound as though it is too good to be true but extensive independent testing confirms the exceptional characteristics of the products.

Nano technology allows the engineering of nano scale particles and coatings. These can be used in a vast number of applications, from computing, to auto paints, to the creation of drugs such as Herceptin.

Central to one of the most effective forms of nano technology is the Sol Gel process. (This is the process which is used by Nanopool GmbH.) This process, which was established more than 50 years ago, has recently been refined by German research engineers, with the result that they can now consistently manufacture SiO₂ (liquid glass).

This glass, which is particle free, can be applied to any surface thus creating a nano layer of super-phobic protection which rejects soiling of any form. Not only does this invisible super durable, flexible yet breathable nano coating protect against soiling , abrasion, acids, alkalis, UV rays, solvents and massive temperature fluctuations but it can be laced with anti-bacterial components which remain active for the life of the coating , up to 10 years.