

United States of America



LILSA NANOTECHNOLOGY

Lilsa Nanotechnology, whose headquarters is domiciled in Bad Pyrmont, is a family company.

With its branches in America (Lilsa Nanotechnology LCC) and Turkey (Lilsa T.T.T), the company has been one of the companies that provide protection by using nanotechnology without damaging material value since 2008.

It has characteristics that distinguish Lilsa Nanotechnology from other companies.

All of the Lilsa products are based on cutting edge scientific information related with developments in nanotechnology.

Products are examined and certificated by research and development laboratories.

Since its establishment in 2008, products of Lilsa Nanotechnology have been inspected and monitored by an international laboratory and universities upon the request of the company.

Our Products

Our raw material is SiO_2 , which is an environment friendly liquid glass (Silicon dioxide).



Why should we prefer Nano Technology?

- * Save money and time (personnel)
- * Increases product quality
- * Product costs may be decreased
- * Increases competitive power...
- * Saves time by shortening production processes
- * Expands life-span

What does nanotechnology mean?

Nanotechnology means working with atom-based materials. It is comprised of formation of new structures and systems, and characterization, manipulation and analysis of such systems.

What are the general application areas of Lilsa products?



| | | | |
|-------------------|----------|---------|---------------------|
| Stone | concrete | textile | car glass |
| Glass and ceramic | | plastic | polyester aluminium |
| Wood | Chromium | Leather | Stainless steel |

How does miracle happen?

In general, all of the surfaces have nano-scale cavitation cavities. At first, the application area is cleaned by a pre-cleaning material (Preclean).

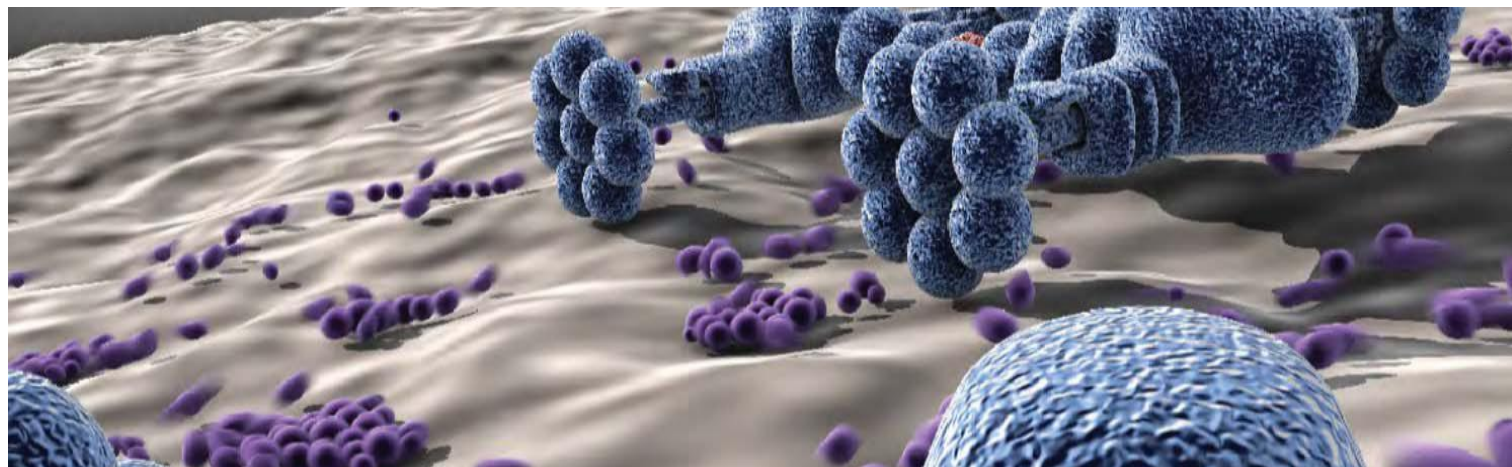
Cleaned product is applied on surfaces after cleaning. Thus, silicone dioxide particles are adhered directly on material surface by nanometry.

It means that bonded particles (SiO_2) would not leave particles on the surface.

It means that we may not immobilise various unwanted particles on the surface, such as dust and dirt etc. Material may be dislocated.

Specifications of our nano surface protection products are as below;

- * Regarding abrasion resistance of the product available on applied surface, none surface is stable for 1 to 5 years.
- * Dirt, oil and water repellent
- * Provides breathing capability (breathable)
- * Material may be cleaned like a piece of cake
- * You may clean it only by water; thus, you may stop using damaging cleaning materials.
- * Guaranteed protection against acid, oxidation and alkalis.



- * You may clean it only by water; thus, you may stop using damaging cleaning materials.
- * Guaranteed protection against acid, oxidation and alkalis.
- * Long-term protection
- * Long-term antimicrobial protection
- * It has bacterial activity (kills bacteria) and at the same time
- * Anti-bacterial (6 months)
- * Resistant to high temperatures (
- 60 to + 456 C (heat)
- * Resistant to corrosion
- * It does not make any difference in appearance.

Lilsa products

- * External window protection
- * Wood and stone protection
- * Glass and ceramic protection
- * Plastic protection
- * Chromium, metal, stainless steel protection
- * Concrete protection
- * Fire protection
- * Anti-graphite protection
- * Antimicrobial and antibacterial protection
- * Textile and leather protection
- * Ship, yacht and boat protection
- * Automobile protection

Nano – Individual Applications

Built-in Oven protection /
rim protection / closet protection
Oven protection / headlight
protection / sink protection
Baking tray protection /
automobile window protection /
mobile phone protection
Helmet Protection /
Tablet Protection / TV LCD
protection

Nano cleaning products

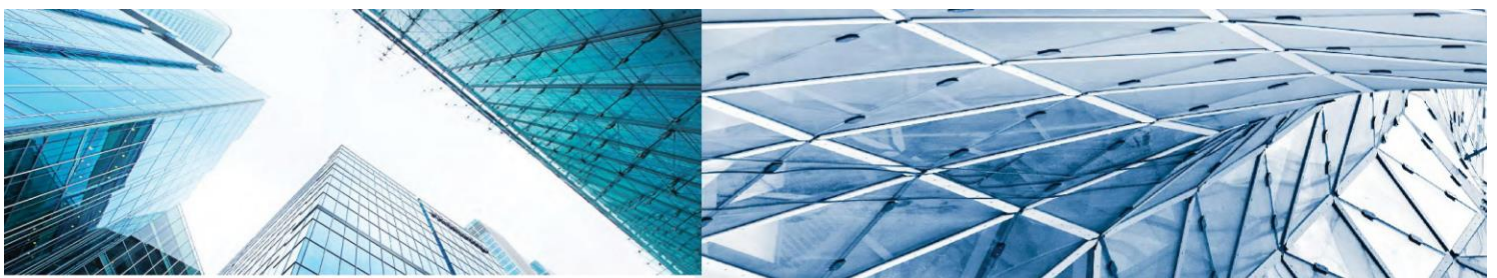
- **Surface Cleaning Products**
- **Microfiber Clothes**
- **Eraser Spons**

LILSA External Window protection

Lilsa External Window Protection protects window surfaces against any environmental conditions, and ensures that the surface remains clean as much as possible.

A hydrophilic film is formed on the surface after the application of product.

Dust cleans itself by the assistance of sunlight, and only water and rain is sufficient for dirt that may not be cleaned by it self. This coating contains no water and rain spots since it is resistant to alcohol.



Product specifications

- Self cleaning function saves time and economy
- Clean only with water
- No water and rain spots
- 2 years-guarantee
- No chemical cleaning agent is required
- Increases UV resistance

Application Areas

It may be applied on Facade Glass surfaces

LILSA WOOD & STONE PROTECTION

Lilsa Wood and Stone Protection is the most suitable solution for porous surfaces. Surfaces, on which Lilsa products are applied, form an unobservable, breathable and multi-functional surface. Therefore, the surface becomes water and dirt-proof excessively.



Product specifications

- Hydrophobic
- Stain-proof
- Resistant to any weather condition
- UV resistant
(no UV protection for wood)
- Continuous
- High temperature resistance
- Long lasting and permanent protection
- Breathes



LILSA APPLICATION AREAS

Natural wooden surfaces

By Lilsa wood and stone coatings, you may protect tables, garage doors, porches and garden fences from damaging effects, dirt, humidity and mould for a long time.



Mineral surfaces

Mould and algae may adhere to mineral stones, such as headstones, etc., and therefore, mineral soils must be cleaned regularly. Lilsa Stone Protector prevents adherence of dirt and mould to the surface. Thus, you may clean it easily by water.



Sandstone and Gas concrete

Sand stone, porous concrete and terra-cotta must be protected. Porous silicate surfaces change their appearance rapidly. Absorbent surfaces absorb dirt and oil immediately. Lilsa wood and stone protection may breath. Application prevents water and oils from entering into the surface.



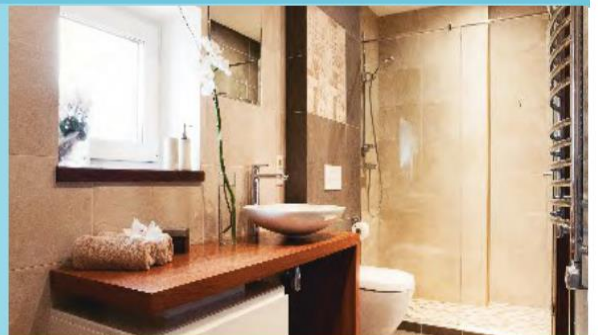
Tiles and pavement stone

Protect stone plates and tiles from mould and oil By Lilsa Wood & Stone protection. Thus, colours would not change. It provides easy cleaning



Clay and burnt-clay

Flower lovers would love these pots. Colours would Remain just like the first day thanks to Dirt-proof terra-cotta pots.



NATURAL STONES

Stones that decorate gardens are made of marble in general. Therefore, such marbles must be protected for a long time. You may protect these stones against weather conditions Comprehensively thanks to Lilsa wood and stone coating.



Lilsa Glas & Ceramic protection

Lilsa Glass & ceramic protection is a Dirt-proof surface that provides Permanent sanitary protection for any non-porous surfaces.



Product specifications

- Makes no change in appearance
- Long-lasting and permanent protection
- Environment friendly, safe
- Resistant to high pressure and moist
- High temperature resistant
- Strong hydrophobia and olephobia

LILSA APPLICATION AREAS

- **It may be applied on any glass and ceramic surfaces, for example;**

Glasses, glass facades, shower trays, mirrors, ovens, glass shower cabins, glass shelves and more.

LILSA PLASTIC PROTECTION

Permanent hygiene for almost any plastic surface. Thus, we provide dirt, water and oil repellent plastic protection surfaces.

Product specifications

- Hydro-oleophobic
- Long-lasting
- UV resistant
- Permanent hygiene protection
- Stain-proof
- Anti-bacterial protection



Lilsa application areas

Close protection on any plastic surface, such as diving goggles, gardening Equipment, plastic shower cabins and many more.



LILSA chromium, metal and stainless steel protection

Lilsa chromium, metal and stainless steel protection is a dirt-proof coating that provides permanent hygienic protection to any non-porous surfaces.

Product specifications

- Makes no change in appearance
- Food safety (LMBG)
- Strong hydrophobia and olephobia
- Antimicrobial characteristic
- Heat resistant +460 C



Lilsa application surfaces

Lilsa metal protection is suitable for any smooth surfaces, such as chromium sinks, door handles, stainless steel and stainless steel kitchen lamps – cooker hoods and many more.

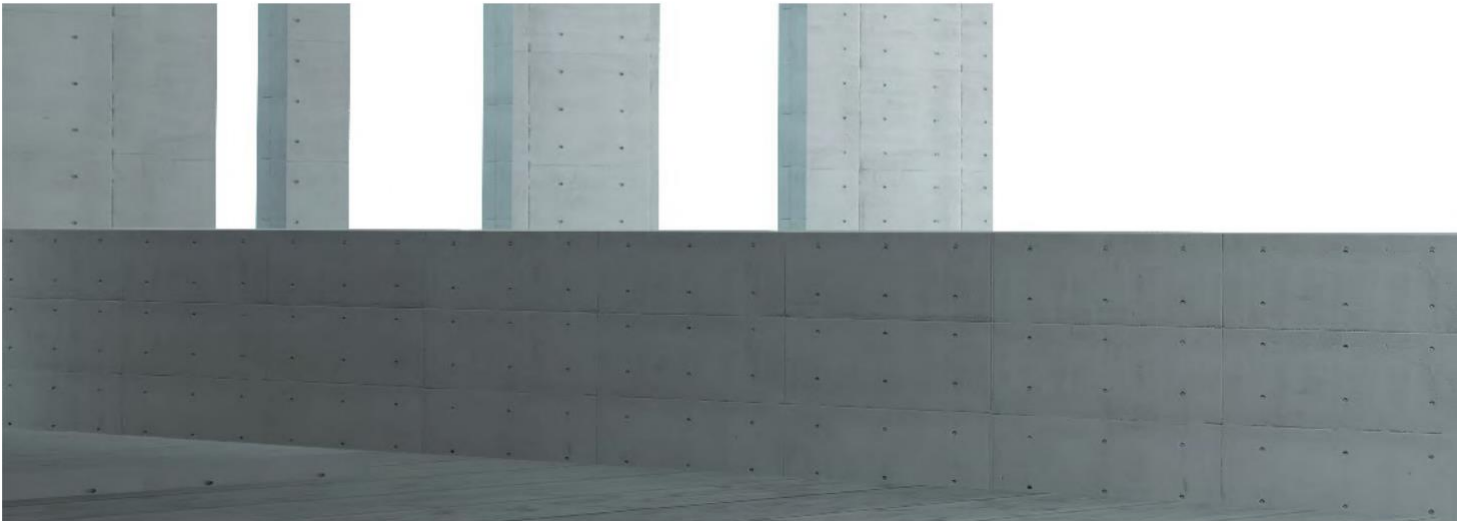


Lilsa Concrete protection

Lilsa Concrete is invisible. It has several functions for porous surfaces. It ensures that mineral-based surface is resistant to wearing and dirt for impermeability.

Product specifications

- Makes no change in appearance
- Stain-proof
- Breathable
- High temperature resistant (- 60 C to + 460 C)
- UV resistant



Lilsa application surfaces

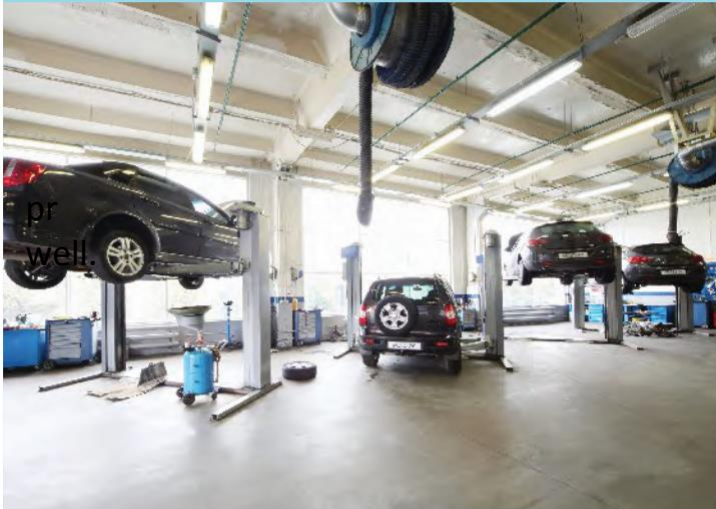
Working and studying areas

Unpreventable stains of oils and dirt may be observed on the walls of many companies. Lilsa Concrete provides effective protection against dirt and oils.



Auto Repair Shops

Oil repair and tyre wearing are inevitable in auto repair shops. Cleaning is very difficult as well. These issues may be eliminated by the Protection provided by Lilsa concrete coating.



Car wash

Mould occurs at the internal roof due to high level of humidity at tunnel park meters. You may clean them effortlessly with Lilsa concrete.



Factory

Continuous activity of people and vehicles in the factory causes wearing on the surface, and workers employed leave oil and tyre marks on the surface; Lilsa concrete coating may prevent abrasion and surface wear.



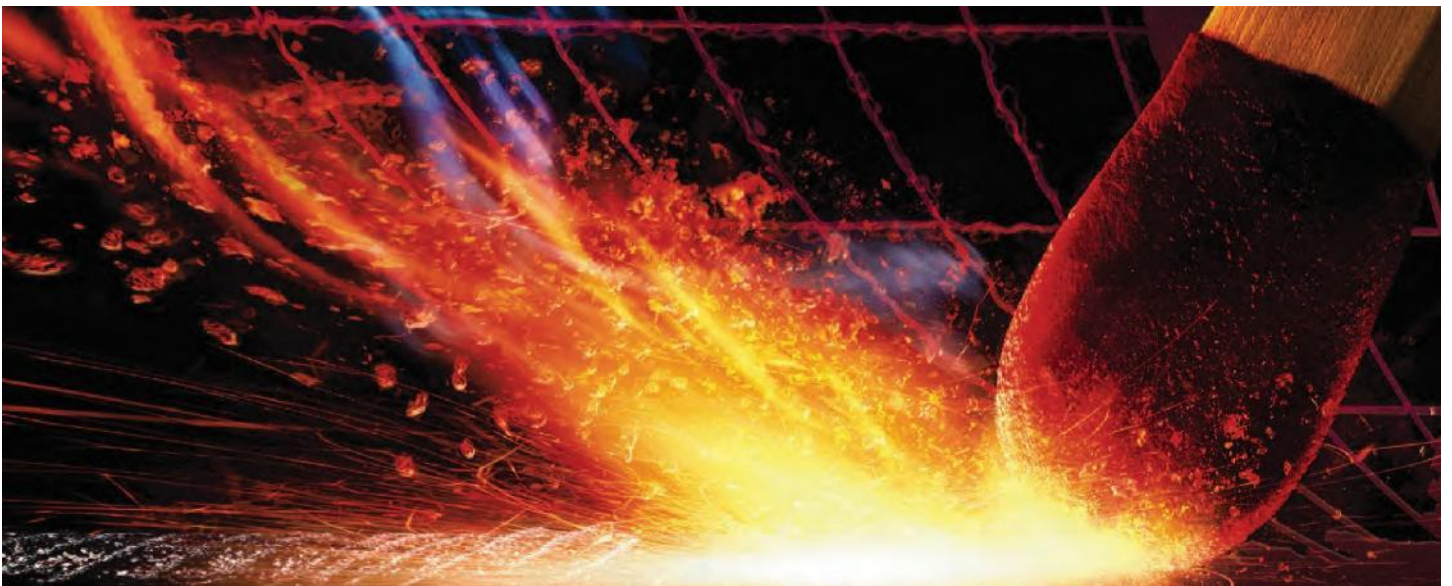
LILSA FIRE PROTECTION ALL IN ONE

New generation fire protection.

This fire protection agent is a material that is not affected from flames and that is non-combustible. It is consistent with any materials and products, and it may be used by being applied on materials and products. This product may also be applied by being sprayed on natural products that contain liquid absorbent specifications, such as fine plates, papers, cardboards and textile products etc. Flames would not get bigger at the fire point thanks to this material, and thus, you would not have to extinguish a big fire.

Product specifications

- Fire retardant specifications prevent fires from getting bigger
- Prevents formation of fire on carpets and curtains
- Forms fire walls on surfaces, and minimizes damages caused by flames.

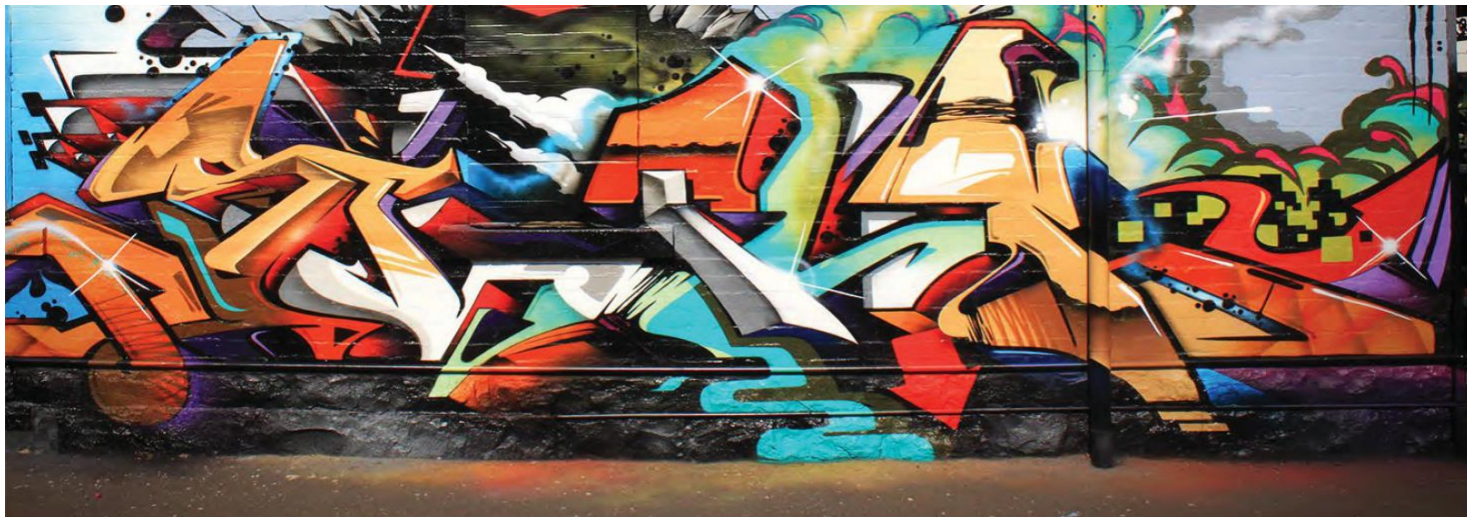


LİLSA Anti-graphite Protection

Lilsa is a transparent protection system that provides protection against unwanted writings or pictures available on the surface. It is invisible on the surface and transparent on the application area. Resistance of this protection system has proven itself under most difficult conditions.

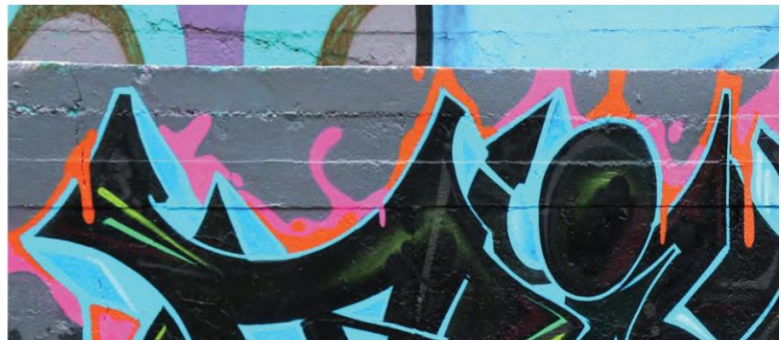
Product specifications

- High temperature resistance (- 60 C to + 460 C)
- Breathable
- UV resistant
- Stain-proof
- Makes no change in appearance
- Easy surface cleaning
- Oleophobia



Application Surfaces

- Concrete
- Trees
- Metal
- Plaster
- Plastic



LILSA COLOUR PROTECTOR

Lilsa External Facade Protection

Product specifications

- Self-cleaning effect
- Perfect abrasion resistance
- Stain-proof
- Makes no change in appearance
- Easy Application
- Strong hydrophobic



Usage Areas

It may be applied in any buildings, interiors and exteriors.



LILSA ANTI-BACTERIAL PROTECTION

Infection risk is under control

Non-infected patients are under the risk of infection, and this risk remains for 48 to 72 hours from admission or for 10 days from being discharged. Lilsa anti-bacterial protection is very important for health care institutions to decrease and control infection risk.



Lilsa anti-bacterial coating is effective against bacteria:

- Pseudomonas
- Aeruginosa
- Staphilcocus

It is determined in a microbiological examination.

Usage Areas

- Intensive care – patient beds
- Baby Incubators
- Operating tables
- Hospital beds
- Hospital sinks, toilets and faucet knobs
- Door handles – and window handles in hospitals
- Any waiting and circulation spaces in hospitals, such as cafeterias, dining rooms and waiting rooms etc.

LILSA TEXTILE AND LEATHER PROTECTION

Lilsa textile and leather coating is a water-based product that may be applied on any type of fabric. Lilsa textile and leather coating may be made resistant to water, oil and stain on any textile surface.



Product specifications

- Strong hydrophobic and oleophobic
- Makes no change in appearance
- Skin-friendly
- Breathable, air and water vapour permeability
- Easy application by spraying

Usage Areas

Lilsa Textile and Leather Protection may be applied on any type of fabric and leather.
(Applies to Wool, Cotton and Leather Surfaces.)

LILSA Ship, Yacht and Boat paint protection

By Lilsa Antifouling protection, it is ensured that a perfect water repellent finish is obtained for aqueous and oily liquids based on nanotechnology, and thus, surfaces that are used intensely are cleaned easily.

It decreases adhesion of mussels, chelies, dirt, bugs, algae and foreign materials. It becomes more resistant to surface scratches, and it is very easy to clean application surface.

Product specifications

- Strong hydro and oleophobia
- Makes no change in appearance
- Easy Application
- Easy surface cleaning
- UV resistant (UV protection for wooden surfaces is unavailable)
- Long-lasting
- Resistant to saltwater

USAGE AREAS

- Waterline Coatings
- Board Coatings
- Deck Coatings



- Boats, ships, yachts and jet skis etc.



You may also protect these surfaces by various Lilsa products:



- Glass
- Chromium
- Trees
- Leather
- Polyester
- Polycarbonate and Polypentene

PROOF

Automobile Protection



*The
Do-it-yourself
revolution*

Proof Automobile paint protection – luminescent

After a development period of 5 years, we managed to create a unique product series for automobiles. Products provide a definitive protection to your vehicle.

“Proof – Wax” protection is a nanotechnological ultra fine, high performance protection. Nano particles (Liquid Glass SiO_2) clasp on paint molecules directly, and improve the car paint therein. It increases the dirt-proof characteristic significantly.

For example: vehicles would be protected from bird droppings, salt and dirt.

These items may not adhere to the pores of wax. It forms a protective layer on wax coating, which guarantees a long function and usage period and which is thin at maximum level.

Proof Automobile Window Protection

Innovative Proof – Formula for vehicle glasses is a permanent solution for vehicle windows, and it is a maximum thinned protection by Proof liquid technique. Product adheres to glass molecules directly, and thus, it increases the water dirt repellent characteristics of the surface significantly.

Dirt, pollens and other environmental factors are cleaned easily, as well as bugs and ice formations.

Rain flows through the glass, and thus, there would be no need to operate wipers at speeds above 60 km/h.



Proof aluminium protection aluminium rim protection – brake dust protection

Proof rim protection is a permanent nano technical coating. Product adheres to the surface of materials directly, and improves brake dust – and it has a dirt-repellent characteristic.

Applied aluminium rim would be protected from environmental effects and weather conditions. No dirt and brake dust particles would accumulate in the pores of materials.

Proof – aluminium rims would be cleaned easily by water and sponge after application.

Cleaning agents would not be required.

Lilsa Nano Individual Application Products

SCREEN PROTECTOR

Lcd Screen Nano surface protection Cloth

Information on the product:

Lilsa® TFT/LCD screen cleaner is a very effective anti-static cleaner.

It cleans dirt, dust and finger prints available on surfaces effectively by a single procedure, and it would not leave any mark on the surface. Lilsa® TFT/LCD screen cleaner also prevents the screen from getting dirty for a long time since the product forms a special anti-static protective layer on the screen. New developed anti-static formula lasts for a very long time.

Therefore, it prevents screens from getting dirty for more than 6 months, and it also decreases the potential of attracting dust to the screen dramatically.

Lilsa® TFT/LCD screen cleaner is a soft and environment friendly cleaner thanks to its ingredients that are completely compatible. Solvents do not contain silicone and beewax.

Thus, it may dissolve in the nature biologically.

Usage Areas: Lcd Televisions (32 inch to 65 inch Lcd Screens)

Contents: 1 pc Nano cleaning cloth

Active Material: Siliciumdioxide (E551)

Rim Protection cloth

Aluminium Rim protector – Protector against Brake Dust

Lilsa® rim protector is a coating that is prepared by nano technology, which has a permanent characteristic. Product adheres to the surface of materials directly, and it increases brake dust and dirt-repellent characteristic significantly. Applied aluminium rim would be protected from environmental effects and weather conditions. No dirt and brake dust particles would accumulate in the pores of materials. Processed aluminium rims would be cleaned easily by water and sponge after coating procedure. It is not necessary to use cleaning agents.

Usage Areas: Any type of rim,

for example: Car rims, bicycle rims and motorcycle rims etc.

Usage: One cloth is used for each rim.

Contents: 4 pcs Pre-cleaning cloth 4 pcs Nano Application cloth

Active Material: Siliciumdioxide (E551)

Built-in Glass Oven protection Cloth

Lilsa® built-in glass surface application cloth is a ready-to-use product. It is made useful for glass surfaces. It facilitates cleaning such surfaces thanks to its ultra fine and functionally harmless nano surface protection. It ensures cleaning effortlessly any stubborn dirt, burns and food remains, which may form on any glass surface (without using any chemicals).

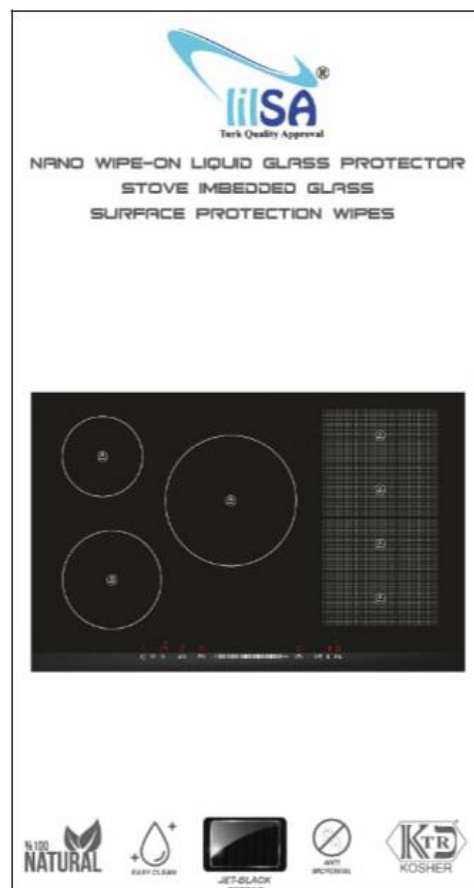
Usage Areas:

Any built-in glass oven

Usage: Effective usage area of the cloth is 1 m²

Contents: 1 pc Pre-cleaning cloth
1 pc Nano Application Cloth

Active Material: Siliciumdioxide (E551)



Super Brightness Protector

Surfaces of any Cars & Motorcycles & Any Paint Plastic Surfaces

Product Information:

Proofnano is a revolutionary nano surface protection for the surfaces of vehicles, boats, caravans and other lacquered surfaces. It is a totally effective and sustainable long-lasting protection.

Materials are based on purely natural crystal silica molecules, and therefore, it does not give any damage to the environment and health. This procedure is based on bio-physical action.

Silica crystal molecules form their surface structure on materials within their nanometer range. Therefore, water, dirt and UV light may not give damage to the material. Thus, a silica surface that is a thousand times smaller than the original structure is formed.

Water repellent (Lotus effect) and dirt (easy cleaning effect) may not access. UV light gets broken, and thus, loses its intense destructive characteristics (colours do not fade away).



NANOREDUCER CHIP

Nanoreducer – Technology is a must for smart phones!

Smart phones cause electro stress, which is invisible, but which make a negative effect on our lives. Damages caused on human health by various electromagnetic radiations under the name of “**electrosmog**” are not researched sufficiently.

Concerned institutions would make necessary warnings on such risks. You may reduce known negative effects and potential risks of Smart Phones by **Nano Reducer** technology. **Nano Reducer** technology presents an innovative solution to your Smart Phones. It is easy to use, cheap, durable and measurable, and it has no diminishing effect.

Application Areas:

Any type of electromagnetic radiation (mobile phones, screens, WLAN, wireless mice/keyboards, radio phones, baby monitors, alarm systems, Bluetooth, navigation and TV etc.)

Method of Application:

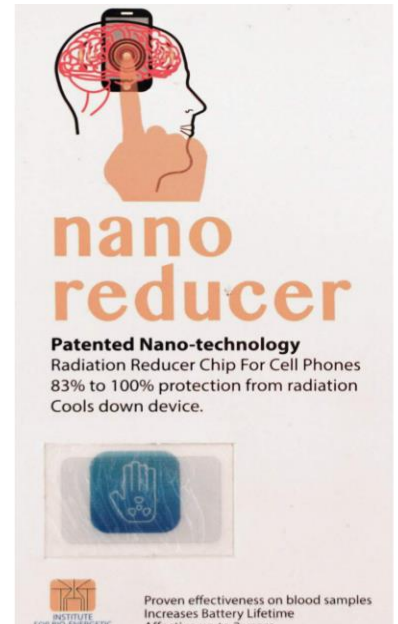
Nano Reducer Chip is equipped by an adhesive film, and it is recommended to be adhered to the back surface of your mobile phone.



For any Wi-Fi,
Radio telephones, baby radios,
Tablets, ipads



For any TV sets, navigations
and alarm systems



For any cell phones

You may visit us at www.lilsa.de to obtain information on our other products.

LILSA Nano Cleaning Products

MOLKE (Whey – sanitary cleaner)

Molke Sanitary Cleaner is new, 100% biodegradable, contains no chemicals. Care cleaner for any hygienic area. This product is characterized by simultaneous natural and highest material compatibility. It is also recommended to be used for disinfection purposes and to clean marble surfaces! Due to its completely biological components, neither tenside layers nor lime soaps occur. Therefore, it is useful for cleaning windows in particular. It may also be used in showers.

ZERO TENSID (CLEANER THAT CONTAINS NO SURFACE ACTIVE AGENT)

Zero is a slightly alkaline cleaner, and it is suitable for any surface that shall be processed moistly. Zero does not contain any surface active agents, enzymes, bleaching agents, alcohol, solvents, colorants and odorising agents. Zero does not contain conserved additives and soaps, and it does not form foam, and it cleans the spaces between pores, as well as surface active residues, and therefore, it is a perfect product for being used on sensitive surfaces. Zero is extremely high concentrated, and therefore, strips may form. If strips have formed, then it must have been used with high concentration or dirt residuals are not eliminated completely (Replace swob/microfiber cloth regularly). Wipe out the surface while it is wet after cleaning. It may be used manually or by the assistance of a machine.

BRISKO (GUM REMOVER)

Brisko is a gum remover that may be used on any surface resistant to any dissolvent and that makes an impact extremely fast. Stone surfaces, tiles, ceramics, metals, glasses and various synthetic materials are not damaged by Brisko. Brisko does not leave any marks in any way whatsoever. It does not mix into the water since it vaporizes rapidly, and it may be used in any area. Brisko may be used easily and rapidly.

VA-CLEANER (STAINLESS STEEL CLEANER)

VA-Cleaner is a cleaner that operates automatically and that eliminates various contaminations effortlessly, such as environmental dirt, flying ash moulds, oxidations, silicate contaminations and alkali trails etc. VA-Cleaner may be used on stainless steel surfaces, iron and other materials that are resistant to acid.

ROHRPROFI - (PIPE SYSTEMS AND SEWAGE CLEANER)

Rohrprofi dissolves various organic residues for good, such as oils, food residuals, mud and even hairs.

Rohrprofi does not damage lines and gaskets, it does not produce any toxic or severe vapours in any way whatsoever.

KALINEX (HIGH PERFORMANCE DESCALER)

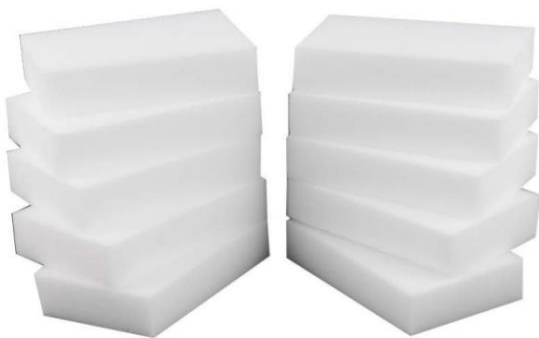
Kalinex is a descaling concentration, which is highly effective, but which is protective at the same time. It may be used on any surface resistant to acid, and it does not produce any unpleasant odours. Kalinex may be used in any of the following areas; kitchens, food areas and construction industry etc., and it eliminates various contaminations, such as lime, corrosion, urine residuals, dirt, oils and soap residuals etc.

KALINEXSA (CIRCULATING DESCALER, FOAM FREE)

Kalinex SA is a descaling concentration, which is highly effective, but which is protective at the same time, and it eliminates various mineral residues, such as iron sulphate, corrosion, lime, boiler scale and lime milk etc.

Kalinex SA is preferred for basic cleaning activities, and for water heaters, heat exchangers, heating and cooling installations, water pipes, solar energy installations, which are disturbed by foam formation and irritating acids during circulation procedure, as well as descaling procedures applied in other installations.

Eraser Cloth, Sponge



Microfiber clothes



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