

NANO4-FURNITURE

About NANOTECHNOLOGY PRODUCTS by NANO4LIFE EUROPE Co.®

NANO4LIFE EUROPE Co.® was founded in 2008 in cooperation with leading Nanotechnology Institutes based in Germany to design and create our Nanotechnology products that are applied to all surfaces:

NANO4LIFE EUROPE Co.® coatings have been created with SiO₂ (Silicone Dioxide Pure Quartz) utilizing the Sol-Gel process manufacturing to produce highly durable coatings that are completely safe, quick, renowned for ease of application and completely human and environmentally friendly.

In **NANO4LIFE EUROPE Co.®** We have the largest range of Nanotechnology Products, offering up to 80 different products in up to 400 different packages from 100 ml to 1000 liters.

Surfaces treated with **NANO4LIFE EUROPE Co.®** magically become Easy to Cleaning, super hydrophobic, durable and powerfully stain resistant on porous and non-porous surfaces alike without altering the breath- ability properties of the surfaces.

NANO4LIFE EUROPE Co.® is an ISO9001:2008 certified company in the production of Nanotechnology products.

NANO4LIFE EUROPE Co.® is the only company worldwide which has received from the HO-HENSTEIN Textile Testing Institute GmbH & Co, the certificate ECO PASSPORT which confirms that our products meet the very strict specification Oeko-Tex Standard 100 product classes I-IV and can be used even in clothes that appeal to babies.

Also **NANO4LIFE EUROPE Co.®** has received and has the most certificates of quality products from international Institutes in Germany , Spain , and also are certified from the Government organizations in Singapore N.E.A. (National Environmental Agency) , and in New Zealand E.P.A. (Environmental Protection Agency) that our products it is not hazardous for the environment.

Since 2013 **NANO4LIFE EUROPE Co.®** entered into a strategic collaboration with the group of companies **EUROCHEM S.A** where will become the production of our products. By this partnership increased dramatically our production capability and we can execute any orders in very short time.

NANO4LIFE EUROPE Co.® provides full technical support including detailed brochures, specifications and video information that is made available.

NANO4LIFE EUROPE Co.® products are in stock and can be delivered within 24 hours to any destination in the world. Delivery in European countries can be provided within 1 days and other points in the world in approximately 3 days with very low freight costs.

Our Products are tested and certified from the following International Institutions.





Nano4-furniture®

Invisible sealing , waterproofing and easy to clean for heavy textiles

Nano4-Furniture® is a water based Nanotechnology product. After applying the product and upon completion of the curing process (24 hours), a thin layer of SiO₂ (silicon Dioxide) seals the protected area so no foreign liquid or oily substance can penetrate the fabric or textile, reducing the chance of permanent staining.

Humidity, water, coffee, ketchup, wine, coffee, oil, syrup, sauces, and other hot or cold liquids are easily removed from the fabric or textile when it's protected with **Nano4-Furniture®**.

All accidental spills are simply blotted up and removed with a dry or slightly damp cloth and the fabric goes back to its original state as if nothing had happened.

Whether you want to stay dry or protect your valuables from stains that may occur during your daily activities, you can always count on **Nano4-Furniture®**.



Nano4-Furniture® does not change the look, feel or breathability of the textile. **Nano4-Furniture®** has no effect on the skin.

Nano4-Furniture® is certified: ([Click here in order to see all of our certifications](#))

- a) as a ECOLOGY product from the Hohenstein Textile Testing Institute GmbH & Co. KG and can be used for the production of human- ecological optimized textiles under specifications of the Oeko-Tex® Standard 100, product classes I- IV.
- b) according to ISO 11507, method A for a coating on textile Artificial weathering with fluorescent UV lamps by Polymer Service GmbH Institute.
- c)According to DIN EN 20811:1993 (determination of resistance to water penetration. Test under hydrostatic pressure) by Tecnalia Institute Spain.
- d)According to DIN EN ISO4920:2013 (determination of the fabric resistance to wetting) by Tecnalia Institute Spain.
- e)According to DIN BS 7209:1990 (water vapour permeability) by Tecnalia Institute Spain.
- f)According to DIN UNE-EN ISO 105-B02:2013 (colour fastnes to artificial light Xenon arc fading lamp test) by Tecnalia Institute Spain.

On which surfaces can i use the Nano4-furniture?

- Furniture
- Carpets, and rugs
- Canvas boat sails
- Car Seats
- Child seats
- Swimming pools covers
- Theatre seats
- Bags,purses
- Sails sailing
- Tents
- Umbrellas
- Leather (without chemicals)



Advantages of using the Nano4-furniture

- Excellent protection against liquids, oil and dirt.
- Protection against bacteria
- Contains UV inhibitors
- Very easy to clean with water
- Completely invisible.
- Reduction of chemical detergents by 90%.
- Eco-friendly by reducing use of chemicals.



Customer Targets

- Homeowners
- Furniture retailers
- Manufacturers of carpets and rugs
- Hotels and Restaurants
- Cruise Ships and boats
- Military
- Sports clubs and Hunters
- Hospitals
- Professionals tailors



How to use the product

1. Clean the fabric first, before using **Nano4-Furniture®**, otherwise it will trap the existing dirt.
2. Spray the fabric with **Nano4-Furniture®** from 15cm distance to slightly very wet the surface where you want to protect. After coating with **Nano4-Furniture®** the surface takes 24 to 48 hours (at 20°C) to be fully cured. The time required for curing may vary depending on ambient temperatures.
3. Another way to protect the fabric is by dipping. For more analytic information's please [read here](#).



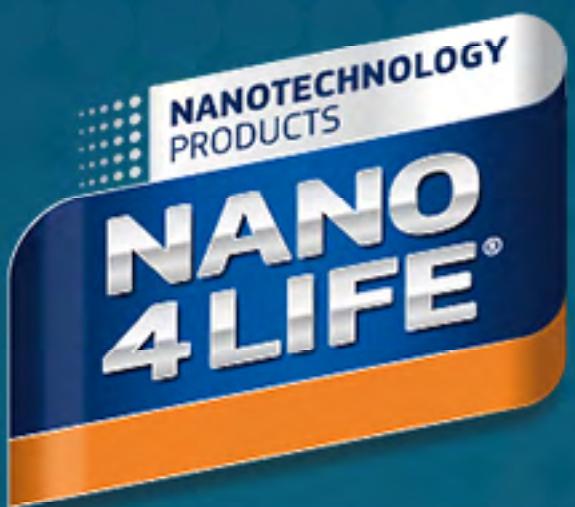
Duration of protection

For fabrics washed regularly, the protection may last between 20 to 30 washes. You can re-apply **Nano4-Furniture®** to the fabrics to obtain the same results.

Consumption

The amount of product needed each time depends on the method of application and the porous of the surface. In any case the consumption will be between 30ml/m² and 200ml/m². This means that 1 liter can cover the surface of 5m² to 33m². We recommend to test each type of surface first to determine the absorption of the surface. An easy test to calculate the absorption of the surface is to wet 1m² of the surface by using normal water. By this way you can see what is the exactly consumption for each surface.





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