

NANO4-STONE

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 HOHENSTEIN Textile Testing Institute GmbH & Co, the certificate ECO PASSPORT which confirms that our products meet the very strict specification Oeko-Tex Standart 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.

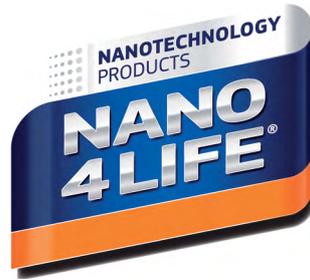
Since 2013 **NANO4LIFE EUROPE Co.®** entered into a strategic collaboration with the group of companies **EUROCHEM S.A** where will become the production of our products. By this partnership increased dramatically our production capability and we can execute any orders in very short time.

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-stone®

Invisible protection , waterproofing, sealing ,easy to clean for paintwall, stone,cement
(for commercial - industrial use*)

Nano4-Stone® is a water based Nanotechnology product and it is completely environmentally friendly . After applying the product and upon completion of the curing process (24 hours), a thin layer of SiO₂ (silicon Dioxide) seals the protected area.

Nano4-Stone® create an invisible protection against any dirt particles and from sunlight, moisture, moss, grasses, etc.

Nano4-Stone® also increases the durability of the materials applied with our product.

Surfaces coated with Nano4-Stone® are also highly resistant to stress and does not contain silicone or other harmful chemicals.

Nano4-Stone® does not change the look, feel or breathability of the surface.

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

a)According to din ISO11507, (Artificial weathering with fluorescent UV lamps according to method A for different coatings on sandstone) by Polymer Service GmbH Institute.

b) According to din EN 12390 8 2009 (concrete depth of penetration of water under pressure) by A.P.E.B.

c)According to din EN 110545-14:1998 (determination of resistance to stains) by Tecnalia Institute Spain.



On which surfaces can i use the Nano4-stone?

- Stone walls.
- Insulation, sealing cement pools.
- Walls painted with plastic.
- Tiles.
- Blocks.
- Stone flooring.
- Sidewalks.



Advantages of using the Nano4-stone

- It does not affect the appearance of the surface.
- Protection from UV radiation.
- Abrasion resistant.
- Easy application, fast drying.
- Resistant to pressure wash (50-60 bar).
- Excellent resistance to frost.
- Odorless.
- Protects against moss or fungi.
- Weather resistant.

Customer Targets

- Builders.
- Contractors.
- Houses with tile.
- Houses with moisture problems.

How to use the product

Methods:

For the best results surfaces should be sprayed at least twice (wet to wet , it is very important to spray the second hand before the first has dried), depending on the absorbency of the surface you want protected. The process may need to be repeated.

Industrial application

For the best and economy installation you can use a [HVLP spray gun](#). For more analytic information's please [read here](#).

Other application techniques

In addition to spraying, you may protect the surface with Nano4-Stone using a brush, dipping or a paint roller.

Results may vary depending on the application method.

After coating with Nano4-Stone 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.

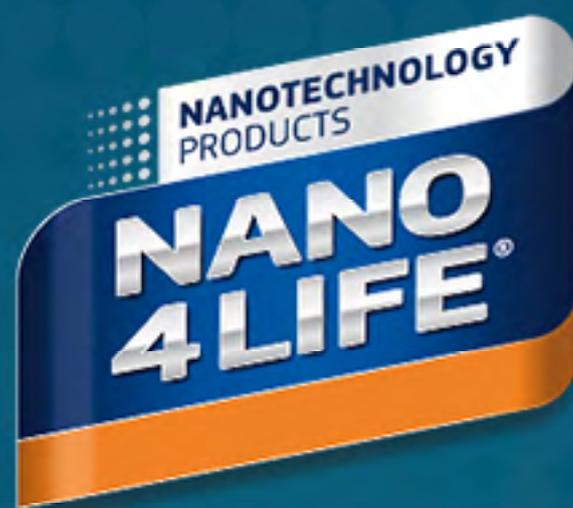
Duration of protection

Nano4-Stone® protection reaches up to 8 years, but if you feel the protection is wearing off you can re-apply.

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.





NANO4LIFE EUROPE Co. VOULIAGMENIS AVE. 318 - 173 43 - AG. DIMITRIOS
ATHENS - GREECE - TEL:0030 213 0272732 - MOB:0030 6944932317
E-mail:internationalsales@nano4life.co