Nanotechnology Products

Thermal Insulation, Waterproofing & Decorative coatings
About Nanofan

NANOFAN Industrial Coatings LLC was founded in 2017, as one of the leading manufacturer of Paint Insulation in the Middle East, funds in research with leading laboratories and elite scientists in the fields of chemicals, polymers, coatings and Nano science. Our activities span from exploration and production of Nano Energy Saving, waterproofing and protective coatings, accurately follows up the developing step of the industry, persists in the developing of specialization, Nanotechnology, and standardization.

We are developing technologies and products which are some of the world’s most advanced and simple to use energy saving technologies available.

Our products are designed to be environmentally safe and easily to apply by a simple coating with a thin layer of material which paint has overturned the underlying interpretation of insulation.
NANOISOLA Residential

Nanotechnology has now provided an effective and affordable means to increase energy efficiency in pre-existing buildings as well as new construction. NANOISOLA Insulation Coatings offer your customers a way to increase thermal resistance in a clear or tinted coating which is applied like paint.

- Energy Saving - Reduces heat loss and gain for lower energy bills
- Weathering Resistance - Protects exterior walls from the elements
- Resistant to growth of mold, mildew, bacteria, algae
- Clear is also available - Allows the beauty of the underlying surface to remain intact
- Environmentally Friendly - Low VOC, water-based, non-toxic, non-flammable
- Easily Applied - Use a standard paint sprayer, brush or roller
- Breathable - Doesn’t promote condensation or moisture build up
- Excellent adhesion to a variety of surfaces, such as wood, drywall, stucco, concrete
- Excellent UV resistance to reduce fading
- Washable - Easy cleanup with soap and water
- Can be tinted to your colors desired
- Long-term performance and protection
- 5-year warranty
The product line of NANOISOLA acrylic coating systems employ a microsized particle with a nano-scale internal architecture which affects the surface chemistry and allows NANOISOLA to have properties that are unique for a coating. NANOISOLA Industrial thermal insulating coating works not only to reduce temperatures, but also provides energy savings, thermal insulation and personnel protection all in an easy spray on application.

- Excellent thermal insulation in a thin film coating
- Energy savings - reduces energy consumption for heating or cooling
- Exhibits outstanding durability with excellent adhesion to any surfaces
- can be applied at thicknesses between 0.5 mm up to 3 mm or more
- Water based, one-part coating and has no "pot life"
- Reduces surface temperature of hot pipes and equipment
- Deployment in a variety of harsh environments
- Provides protection from harmful UV rays
- Non-toxic, Low odor and Low VOC
- Can insulate surfaces up to 160C
- No exterior cladding needed
NANOISOLA Waterproofing

Nanofan provides water based coatings, with nanocomposite technology, makes the surfaces anti-dust, and water-resistant, with outstanding features.

NANOISOLA Waterproofing / Dustproofing provides a superior resistance to the effects of efflorescence or moisture and a supreme resistance to dust.

- Waterproofing and Dustproofing roofs, bathrooms and building facades
- It has both the properties of insulation and waterproofing at the same time
- Water-based paint, with No solvent, Environmentally friendly
- Droplet formation during rinse, cleaning or rain, easy to clean effect
- Long lasting, durable for at least 20 years
- Water resistant, water hydrant & protective against rain, damp, moisture
- UV Resistance, High flexibility
- High resistance to different weather conditions
- Extremely resistance to dust and sand pick up
- Easy to use (brush, roller, spray)
- Competitive price with similar products in the market.
- Applicable on any surface.
- 5-year warranty
NANOISOLA Traffic coating, a nanotechnology product formulated to deliver extraordinary performance, and is a new generation of water-born traffic paints which produces highly visible raised lines, offers outstanding durability. This property assures that this coating will stay bright and clean much longer than traditional traffic paints. NANOISOLA Traffic coating advanced properties make it a cost effective marking material that help increase the safety of public roads and keep parking lots properly delineated, and is recommended for striping long line traffic markings on roads and highways, or other traffic surfaces including parking lots, driveways, sidewalks and runways. It may be applied over asphalt, Portland cement and concrete pavement.

- Maximum durability
- Improved adhesion for longer life applications
- Maximum film build and multi-layering
- Fast drying under a wide range of climatic conditions
- Remains flexible over time
- Can be applied with conventional or airless spray equipment
- No thinning for application
NANOISOLA Perfume, a water-borne latex-based smooth semi-gloss finished for Insulating and Perfume coating can be used in Homes, Public units and offices. This nanotechnology based coating provides a powerful combination of benefits which include eight different scentsation, non-yellowing UV resistance, thermal insulation for energy savings and resistance to mold and algae growth.

- 8 different scentsation, can be lasting and smell is the most notable of the senses
- In order to remove odors and add lasting freshness to the air
- Producing a pleasant scent for approximately 6 months and possibly longer
- Clear is also available - Allows the beauty of the surface and repainting
- A long lasting air freshener that helps eliminate odors and refreshes rooms
- Environmentally Friendly - Low VOC, water-based, non-toxic, non-flammable
- Easily Applied - Use a standard paint sprayer, brush or rolle
- Excellent UV resistance to reduce fading
- Washable, Easy cleanup with soap and water
- Can be tinted to your colors desired
- Applicable on any surface such as brick, pvc, drywall, stucco, glass, concrete
- Long-term performance and protection
NANOISOLA, patented technology utilizes nanotechnology to provide materials with a unique combination of characteristics, which are not usually found together in the same product. These include; Thermal insulation, Corrosion resistance, Mold resistance, Chemical resistance, and Flame resistance. We also strive to create earth friendly technologies which positively impact the environment by reducing energy use.

- Maximum durability
- Glowing in the dark with long duration
- The best quality, brightness and health safety rate
- Water resistance, without causing harm to human’s health
- Flexible and run fast, easily implement
- Water based, fast dry and Eco-friendly
- Washable with water and high adhesion
- Environmentally Friendly - Low VOC, water-based, non-toxic, non-flammable
- Easily Applied - Use a standard paint sprayer, brush or rolle
- Can be used on Interior walls and ceiling as a decorative or safety coating
- Long-term performance and protection
**NANOISOLA Insecticide**

NANOISOLA coatings are powered by a green technology, developed by Nanofan, a pioneer of the leading manufacturer of nanotechnology based paint and coatings in the Middle East. Since 2007, the coatings have been reducing energy costs and protecting assets in homes, businesses, and factories around the world.

- Insecticide paint designed for interior and exterior use
- Excellent Freeze/Thaw stability
- Protect against crawling and flying insects
- Minimizes Discoloration
- Clear and tinted product is available
- Environmentally Friendly - Low VOC, water-based, non-toxic, non-flammable
- Effective against crawling and flying insects when exposed to treated surfaces
- Easily Applied - Use a standard paint sprayer, brush or rolle
- Excellent UV resistance to reduce fading
- Washable, Easy cleanup with soap and water
- Insects include: American cockroach, Spiders, Ticks, Mosquitoes, Citrus Weevil (Mexican, Leafnotcher, and Diapreps), German cockroach, imported fire ants, Leafcutter ants, Silverfish, Southern fire ants, and more
Not only does NANOISOLA have the ability to severely limit the way in which thermal energy, or heat, travels through the material - meaning it is not reliant on thickness for its insulating ability, once fully cured, it is also highly Moisture resistant, giving the coatings their Mold and Mildew resistant capabilities.

- Resists Mold Mildew Algae on dry film
- Protects against Microbial Defacement
- Minimizes Discoloration
- Clear and tinted product is available
- For use in all interior/exterior walls and Ceilings
- Water based, fast dry and Eco-friendly
- Brokeing the mold with cutting edge technology when battling mold & mildew
- Easy to clean, increase its sealing and insulating properties
- Easily Applied - Use a standard paint sprayer, brush or roller
- Environmentally Friendly - Low VOC, water-based, non-toxic, non-flammable
- UV Resistance
- Long-term performance and protection
**NANOISOLA Fireproofing** is an eco-friendly intumescent paint can be applied on sheet metal, sheetrock, composite panels, interior woods, and carbon graphite, provides fireproofing of the surfaces.

- Water Based Intumescent Paint with low VOC
- Can be finished with a wide selection of topcoat colors
- Provides a smooth architectural finish
- A decorative look to be achieved by applying over a topcoat water based
- Applicable on Structural steel, sheet metal, sheetrock, composite panels, interior woods, and carbon graphite
- Provides 1 or 2 hour fire protection by Wet Film Thickness (WFT) 40 mils.
- 100% tested and certified to ASTM E119 fire endurance ratings that require 1 or 2 hour fire protection.
- Exhibits outstanding durability with excellent adhesion to any surfaces
- 100% tested and certified to ASTM E84/UL 723, Class "A" flame spread.
- Thin-filmed and not like the traditional bulky and chalky coatings
- Deployment in a variety of harsh environments
Color Shades

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Exclusive manufacturer of Nanopaint in the Middle East

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