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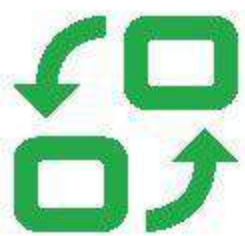
WORLD CLASS
PRODUCT MADE
IN JAPAN

NANO SHIELD

THERMAL INSULATE LIQUID COATING

"BY THE SOLE DISTRIBUTOR"





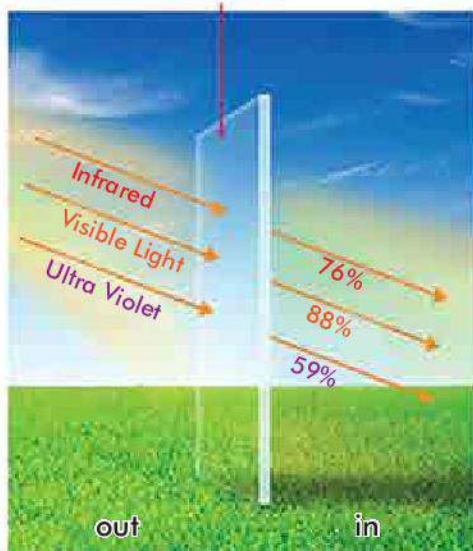
PRODUCT OVERVIEW

NANO SHIELD is a special Nano-technological thermal insulation liquid coating that is applied to glass surfaces in order to provide shielding from infrared and ultra violet rays. Applied like a paint, **NANO SHIELD** is capable of blocking 99% of Ultraviolet (UV) rays, up to 85% of Infrared (IR) rays and maintaining up to 75% Visible Light Transmission (VLT). NANO shield is a product of SKETCH Co.Ltd Japan owning 70% of the market share. SKETCH has its technology spread across more than 30 countries providing valuable products for environmental sustainability.

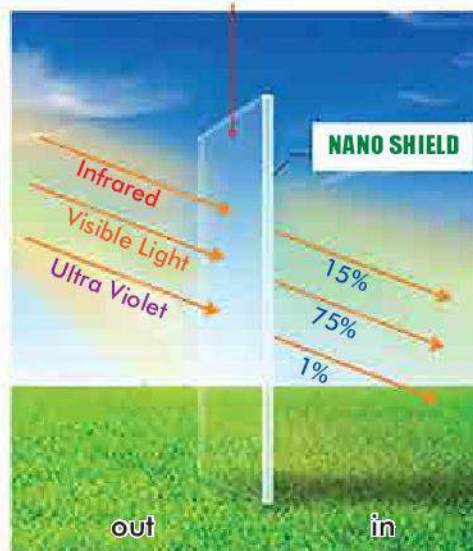
Unlike conventional window films, **NANO SHIELD** liquid coating will not peel, crack, bubble or fade over time lasting a minimum of 10 years. In addition, **NANO SHIELD** can be applied to curved glass, historic building windows, skylights and textured glass surfaces. With the ability to mitigate both radiant and conductive heat, **NANO SHIELD** can effectively keep indoor environments cooler while allowing you to benefit from the natural daylight gain.



Float Glass 6mm



Float Glass 6mm



99%

of UV rays
blocked

85%

of Infrared rays
blocked

75%

visible light
transmittance

20%-30%

Energy
saving



BENEFITS OF NANO SHIELD

- Blocks 99% of UV rays and 90% of IR rays

The application of NANO SHIELD blocks from 70% to more than 90% of the infrared rays, and it improves the resilience of windows exposed to the sun by drastically reducing the quantity of heat that normally penetrates glass, thereby keeping the interior temperature more comfortable and reducing the annoying “greenhouse” effect that can be felt during the day.

- Visibility maintained at 75%

NANO SHIELD enables total transmission of solar light in comparison with other shielding technologies, coated glass makes it possible to delay turning on artificial lighting during the day, thereby ensuring savings on energy consumption as well as better visual comfort.

- Significant energy cost savings of 20% to 30%

NANO SHIELD allows for savings of up to 30% on the energy used for air conditioning of interior space.

- Savings on electricity due to the maximum transparency of the surfaces.
- Rapid recovery of the investment for the application of Nano Coat Glass, as a result of energy savings.
- Reduced heat penetration through windows
- Eco friendly solution to sun damage
- Cost effective alternative to window films





- **15 years durability**
- **Protects skin from sun damage**

NANO SHIELD helps protect your family from mould, their skin from dry air and reduces their exposure to harmful solar radiation.

- **Prevents damages to furniture and fixings**

UV causes irreversible damage to furnishings. NANO SHIELD advance Nano technology minimizes this damage by shielding your valued possessions, furniture and fixings from 99.7% of UV.

- **No heat cracking**
- **Easy application even on curved glass surfaces**

Unlike other coatings or products dedicated to solar control, NANO SHIELD is applied with a roller to window surfaces, with lasting effects of more than 15 years.

- **No glare**

The application of NANO SHIELD also results in less glare within interior space, thereby improving visual comfort due to fewer reflections on television and computer screens, and other reflective surfaces.

- **Creates a more comfortable work & living environment**

Reap the benefits of natural light while freeing up more time and energy to spend on things that make you happy and improve your health and wellbeing.



PRODUCT COMPARISON

Key areas	NANO SHIELD	Solar control tint film	Standard Window Tint Film
Materials & installation Cost	—\$	\$\$	\$
More than 78% Visible Light Transmission (VLT)	✓		
Reduces Infrared Rays (IR) by 70% or more	✓	✓	
Reduces Ultraviolet Rays by 99.7% or more	✓	✓	✓
Reduces energy consumption	✓	✓	
Long product life 10 years +	✓		
Can upgrade nearly any existing window	✓		
Easy application and removal	✓		
No visible joints on large windows	✓		
No noticeable change to external appearance of windows	✓		
Higher abrasion resistance	✓		
Applicable on uneven surfaces	✓		



PROCESS OF BEING PART OF THE SMART ENERGY NETWORK



FAQ

FREQUENTLY ASKED QUESTIONS

- **How is NANO SHIELD applied?**

We do all work on-site with your existing windows in place. NANO SHIELD is applied in liquid form with a special paint roller, directly onto the glass surface. We clean and prepare the glass thoroughly. Then we mix and apply the coating. The final step is drying and airing.

- **Is NANO SHIELD applied on the interior or exterior of a glass surface?**

Inmark recommends coating the interior surface of a glass. Interior environmental conditions are more easily controlled resulting in optimum clarity and uniformity of the final fully cured coating.

- **How long does NANO SHIELD take to install?**

Our experienced team can complete about 20 square meters per day.

- **What type of surface preparation is required?**

All obvious dirt and contaminants should be removed with a paper towel. Masking materials should be used to protect adjacent surfaces and window fixtures. NANO SHIELD Glass Primer is then used to clean the surface.

- **Can the NANO SHIELD surface be cleaned with common cleaning supplies?**

Yes, after it has fully cured for 14 days. Abrasive materials should be avoided.

- **Can NANO SHIELD be coated on tinted film?**

No. We have to remove the film first before we apply the liquid on the glass.

- **Can the Liquid NANO SHIELD coating be removed from glass surfaces?**

Yes.





" An Easy,
Clean,
Worry-Free
Application"

Inmark Eco Solutions Pvt Ltd

Member of Himaco Holdings Group

📍 No. 476B, Piliyandala Road, Arawwala, Pannipitiya.

☎ + (94) 11 208 9574/ 75

📞 + (94) 77 2831439

✉ info@inmarkeco.com

🌐 www.inmarkeco.com



www.himaco.lk



www.sketch-english.com