



**Sketch**  
Nano-coating Manufacture

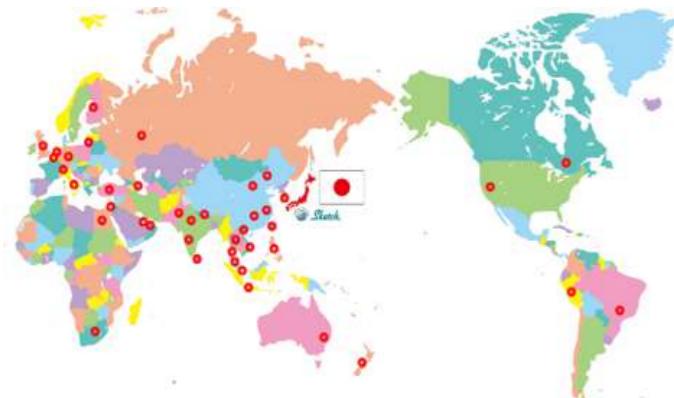


Sketch  
Business Management

Application Management

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Date of Establishment	February 1989	May 2024
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USA, Canada, China, Korea, Taiwan, Philippines, Thailand, Vietnam, Singapore, Malaysia, Brunei, Nepal, Hong Kong, Indonesia, Cambodia, Sri Lanka, India, Pakistan, UAE, Turkey, Qatar, Azerbaijan, Israel, Russia, Lithuania, Australia, New Zealand, Brazil, Chile, Switzerland, Poland, Germany, Belgium, Italy, United Kingdom, South Africa, Egypt, Netherlands, Luxembourg, Finland, Hawaii



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[IRUV Cut Coat Web Training  
Youtube Channel](#)

No.1 in Japan with 80% Market Share

200 domestic distributors in Japan

15 years of Sales records with over 1.3 million sqm applied

Extensive application record with national Store-chains and government offices and other clienteles

Sales to expand to 40 countries by 2025.



**100**  
Yen Shop DAISO  
Over 1,200 branches across Japan, each with 40–100 square meters of window glass, coated between 2020 and 2024.



- Heat-blocking, insulating, and UV-cut coating for window glass
- UV-resistant topcoat for signage that prevents color fading and maintains long-lasting aesthetics
- Aliphatic Heat Shield Polyurea for rooftops, providing 20-year durability with rustproof or waterproof coating.
- Super-hydrophilic, anti-static, and anti-dirt coating for Window glass, PV panels, and exterior façades



# Triple Guard Coat System

## IRUV Cut Coat H-SC

IRUV Cut Coat H-SC is a coating product that improves the heat shielding of glass windows. The coating leads to **20~30% of Energy Savings** on air-conditioning energy consumption cost.



- Blocks 90% of Infrared rays.
- Blocks 99% of UV rays.
- Condensation Prevention
- Durability 15years(10-year reinstallation warranty)
- 20–30% energy savings, 5-year payback.

## Anti-Fading and UV - Resistant Coating

## UV Shield PU

UV Shield PU is a transparent coating agent designed to prevent UV-induced degradation and fading of signs, paint, and resin materials.

This is a highly weather-resistant UV-blocking coat based on aliphatic polyurea, enhanced with a high-durability UV absorber.



- Maintains 99% UV blocking for over 15 years.
- Ultra-high weather resistance with 90% gloss retention
- Anti-corrosion and waterproofing provided by polyurea.
- Color restoration effect.
- Significant reduction in repainting, replacement costs for signage.

## Heat - shield coating for Energy-saving of outdoor AC units



## Thermo ECO Shield

Heat Reflection & Thermal insulation Paint  
←29.7°C difference!!

Thermo ECO Shield application system achieves Rust prevention, heat insulation and antifouling effect for outdoor unit on the rooftop. As a result, the load on the compressor is reduced leading to **energy savings of 15% or more within 3-year pay back.**

## Rust proof, Waterproof, Heat-Block, and Anti-fouling coating

### step 1A



### Rust Shield

waterproof auxiliary & rust-proof coating

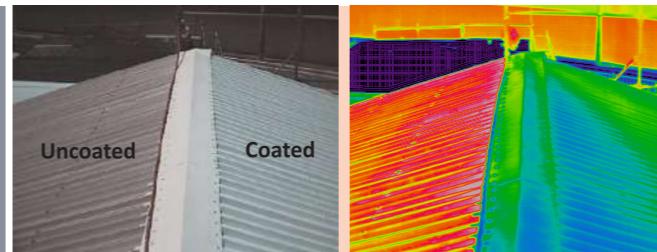
### step 1B



### Anti-Seepage Primer & Waterproof Reinforcement Aromatic Polyurea

Seal the cracked area to stop water infiltration, reinforce the root of the leak on the concreterooftop, and apply a seamless polyurea coating on the surface for complete waterproofing.

### step 2



### Heat Shield PU

Aliphatic Polyurea Coating with Ultra weather-resistance, heat-blocking, water proof, and anti-corrosion

Heat Shield PU is a high-durability specialty coating and the primary product in an application system designed for corrugated metal roofs and similar surfaces. It offers anti-corrosion, heat-blocking, insulation, and anti-fouling effects that last for 20 years.

- 10-year anti-corrosion warranty with Rust Shield.
- Over 20 years of weather resistance with Heat Shield PU, offering more than twice the durability of urethane coatings and significantly reducing application costs.
- For additional insulation performance, Thermo ECO Shield can also be applied.
- Super Glass Barrier provides antistatic and anti-fouling effects, maintaining infrared reflectivity and achieving the highest heat-blocking performance in the industry.

This high-performance, multifunctional system redefines the conventional standards of rooftop heat-blocking and insulation coatings with these four unique differentiators.

### step 3



### Super Glass Barrier

Anti-Static, Super Hydrophilic Anti-fouling Coat & maintaining reflectance

## UV Shield PU

## Thermo ECO Shield