

Overseas Distributor
Vintage Management Pte Ltd



With offices in Singapore and Japan, we have been supporting Japanese small and medium-sized and micro enterprises in their overseas expansion since 2007.

To date, we have supported more than 200 Japanese companies in their overseas expansion and provided advice on overseas expansion to banks and local governments. The company also has a trading function to sell Japan's wonderful products to the rest of the world, and is well versed in trade operations.



Inventor Mr. Shimada, Sketch CEO



The thermal barrier glass coating (Eco Sketch) developed by President Shimada, who has been dedicated to product development at Nanomaterial since 1989, is attracting attention in China, Southeast Asia, the Middle East, India, the United States, and other parts of the world as a measure to reduce air conditioning costs of glass-enclosed buildings by 20% to 30% in the age of global warming.

Especially after the power shortage problem after the Fukushima nuclear power plant accident caused by the Great East Japan Earthquake that occurred on March 11, 2011, the measures to insulate and insulate the windows of existing buildings are the most effective in saving energy.

We are the only manufacturer in the world that uses CTOs that drastically cut 900-1,100nm of near-infrared rays, the most direct heat of the summer sun, to achieve a near-infrared cut rate of 90%.

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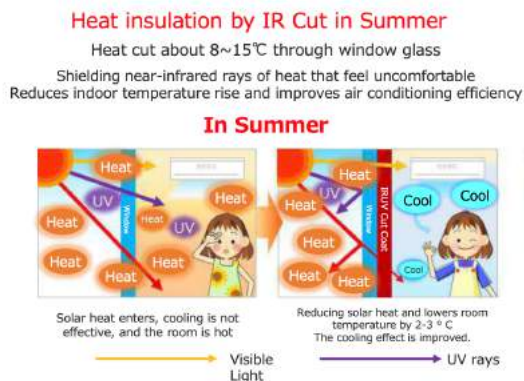
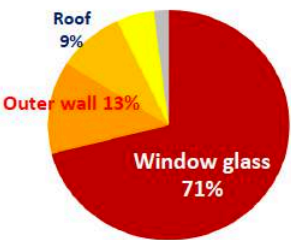


Eco Sketch

Eco Friendly IR UV Cut Coating for the earth



71% of Heat enters from the window glass in Summer

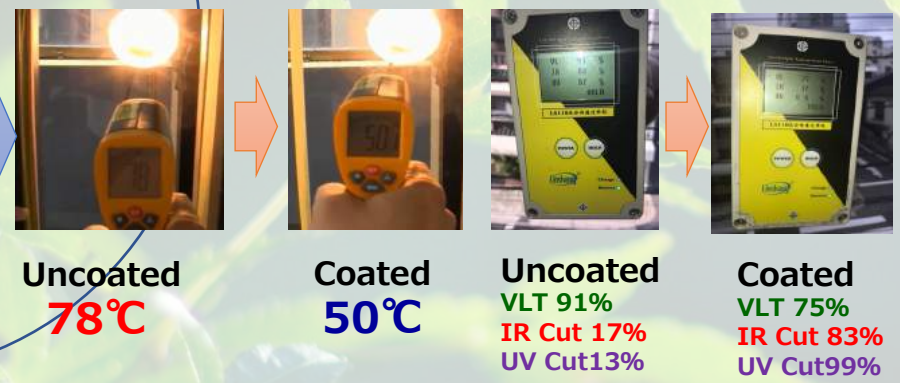


Key facts of Eco Sketch

- Easier**
 - Roller Installation
 - Coating the inside of windows
 - Only one IR UV cut coating product for using roller
 - No seams like film.
- Cheaper**
 - Supply + Apply fee is S\$90/m2
 - Depreciable in 3 years
 - Every month 10% of electricity cost can cut
- Longer**
 - Keep 10 years, Twice as much window film.
 - Less likely to heat crack than film.
 - Condensation prevention
 - 99% UV Cut, >80% IR Cut

The nano-metal particles contained in the coating film can absorb infrared rays, which in turn provides heat insulation and heat retention. The color of this nano-metal material is slightly blue or blue-black in the coating film. Therefore, the principle? When asked, "What are the characteristics of the material? There are several other types of infrared absorbing materials, but the one we have is particularly good at absorbing near-infrared rays and also has excellent dispersion technology, so it can be applied with rollers.

What is 'Eco Sketch'?
 Thermal insulation glass coating solution for window glass by roller application. Functionality up to IR Cut80%~85%, UV Cut 99%, It is 10years durability, Twice the durability of the film



Tokyo tower



Marina Bay sands



Hotel Okura Akademia Park Chiba



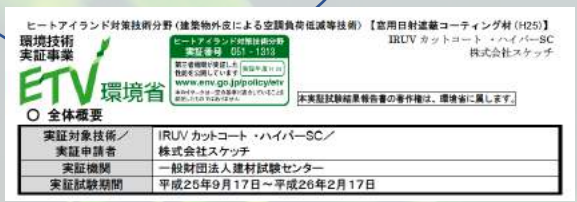
Odakyu Express Train



Sapporo beer factory

Cooling load reduction effect	Tokyo	
	House	Office
calorific value	610kWh/yr	1,699kWh/yr
1000h test	(1,933kWh/yr→1,323kWh/yr)	(6,616kWh/yr→4,917kWh/yr)
	31.6% Reduction	25.7% Reduction

Ministry of the Environment Japan



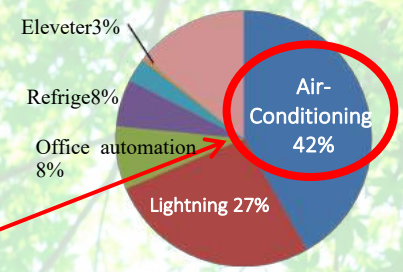
[Evidence]
 Non Flammable test, F☆☆☆☆ certificate
 Environmental Technology Verification

We have the No.1 share in Japan (industry magazine) and have sold to 33 countries around the world and have installed more than 1 million square meters.

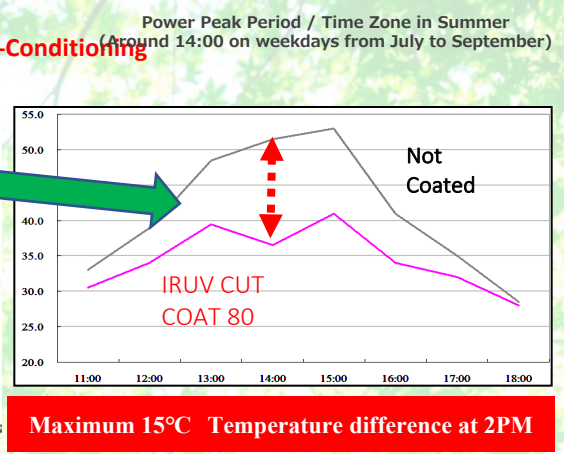
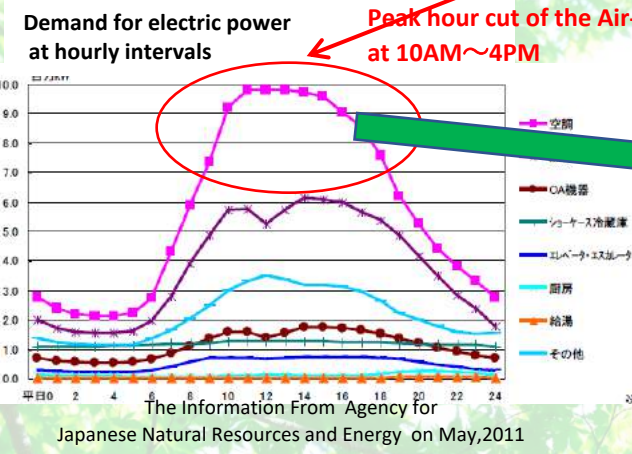
Eco Sketch

Office Building

In the office building,
Power consumption ratio



Power Demand by Time (by Equipment)



The Information From Agency for Japanese Natural Resources and Energy on May,2011

Target example for Energy-Saving Green Coat System



For Measures to reduce air conditioning cost 「Power Saving Green Coat System」 Eco Sketch

40% Reduction plan of air conditioning cost with energy saving collaboration strategy

World No.1 Product ,Sold to 20 countries or more Energy saving coating of air conditioning outdoor unit

Heat insulating coat for window glass
「Eco Sketch」

Energy saving painting of outdoor unit & surrounding area
「Energy saving cover coat」
For outdoor unit
Japanese Patent Publication No.2015-117924
Japanese Patented No.60382450
「Energy saving cover device」

◆Energy-saving Basic strategy ①
①Energy-Saving 25~30% by IRUV Cut Coat 80 (IR Cut 80 ~85%)

◆Collaboration Strategy②, ③
②15% reduction of air conditioning cost by Energy-Saving Cover Coat (thermal insulation paint around the outdoor unit)
③15% reduction by Energy-Saving Cover device (installing outdoor unit cover)

