

contributes at various place for heat shielding.

# Ski Dubai



Inside Temp. reduction **6°C**

Our top pick, first place for indoor skiing is Ski Dubai, located in Dubai, United Arab Emirates. It's the largest indoor ski park in the world, located within a lavish mall.

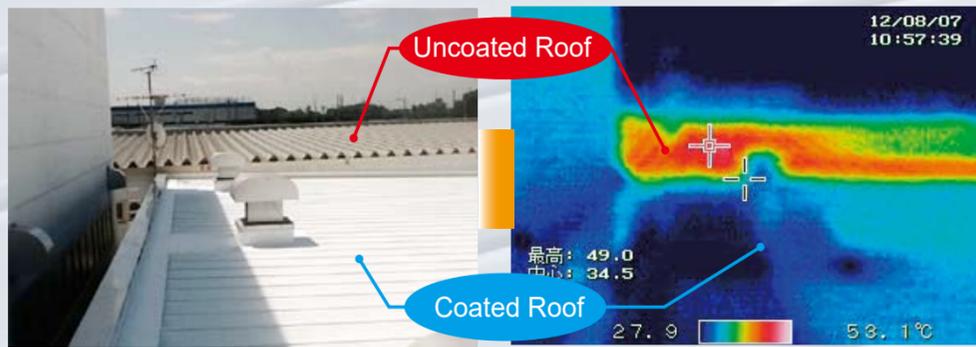


# Warehouse

Before **60°C** After **40.4°C**



Roof surface temperature

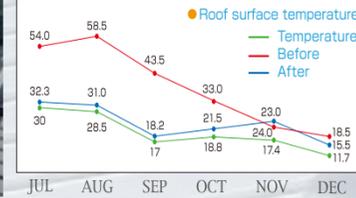


# Factory

Place: Okayama in Japan, house maker factory  
Measurement period in Japan: From July, 2012 to December  
Roof: Galvalume (27,000 square meters)



Result	Roof surface temperature	Inside temperature
Temperature	28.5°C	28.6°C
Before	58.5°C	37.5°C
After	31.0°C	33.5°C
Difference	▲27.5°C	▲4.0°C

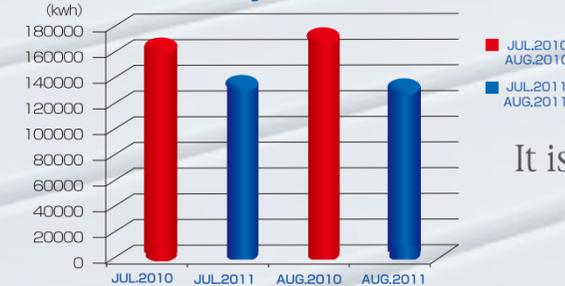


# Supermarket



**Amazing!**

Electricity bill reduction rate



It is comfortable on bare feet.

Place: Saitama in Japan: Supermarket  
Measurement period in Japan: From 11-July, 2011 (11:00am)  
Roof: Galvalume (2,000 square meters)

High efficiency thermal barrier coating for wall and roof.

# Overall Evaluation: No.1

## Functionality & Environmental Measures



Developed using the world's best special nano-ceramics, Adgreencoat has demonstrated high-functionality even in the public sector and has been proven and certified as an environmental paint by various institutions.

## Aesthetics & Durability



Break away from thick coating. The beautiful finish is aesthetically beautiful, has antifouling properties and durability.

## Price Advantage

Compared to other companies, the material usage is less than half, realising a high-cost performance with excellent workability.



Let's think about what we can do for future children.



High quality/functionality [International patent product]

# Mechanism

Cool down at the Nano-ceramics combination

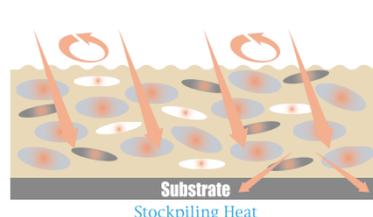
## Adgreencoat

### Solar Light Reflection: Nano-ceramics functionality

0.2~0.6 $\mu$ m nano-size ceramics are syntonized with the wavelength of near-infrared, and reduce temperature of substrate by electromagnetic wave scattering.

### Solar Heat Release: Specific shaped functionality

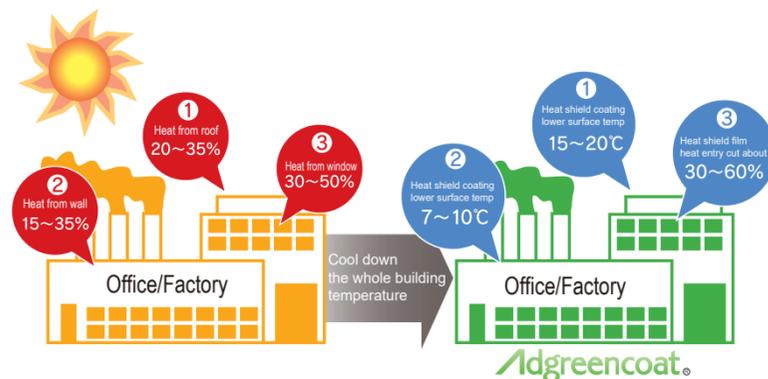
The amorphous shaped ceramics has high thermal conductivity, which is effectively release heat and reduce the heat bank.



## Thermal Barrier, Save Energy

High quality heat shielding!

Infra-red rays reflection lead cool down roof/wall temperature



for more information visit : <http://www.nck-gp.com>

# Product information

## Adgreencoat® GP $\sigma$

### FEATURES

- Excellent Highly Reflective Heat Shield Paint.
- Quick dry.
- Good adhesion property.
- Low odour.
- Excellent Workability.
- Good alkaline resistance.



Contents 内容	Adgreencoat GP $\sigma$	ACLOSE	Miyabi
	Top coat 主材	Under coat 下地材	Under coat 下地材
Type 種類	Water-based 水系	Water-based 水系	Solvent 溶剤
Packing 荷姿	13kg/can(10 $\ell$ )	13kg/can(10 $\ell$ )	13kg/can(9.4 $\ell$ )
Mixing ratio 混合比	One solution 1液	One solution 1液	4 : 1 Base Har dner
Application Condition 塗布量	0.13kg / m <sup>2</sup> /coat (10m <sup>2</sup> / $\ell$ / coat)	0.10kg / m <sup>2</sup> /coat (13m <sup>2</sup> / $\ell$ / coat)	0.13kg / m <sup>2</sup> /coat (10.6m <sup>2</sup> / $\ell$ / coat)
Recommended DFT 推奨膜厚(ドライ)	40 $\mu$ m/coat	30 $\mu$ m/coat	50~70 $\mu$ m/coat
Application method 塗装方法	Brush, Roller Spray	Brush, Roller Spray	Airless Spray
	0~5% 5~10%	0~10% 10~20%	3~10(wt.%)
Dilution ratio 希釈率	(Drinking water)	(Drinking water)	(Miyabi Thinner B)
Coating Interval 塗装間隔	Temperature 20°C	Temperature 20°C	Temperature 20°C
	Minimum 2h Maximum 7days	Minimum 2h Maximum 7days	Minimum 24h Maximum 7days
Drying Time 乾燥時間	Temperature 20°C	Temperature 20°C	Temperature 20°C
	Surface Dry 1h Hard Dry 2h	Surface Dry 30min Hard Dry 2h	Surface Dry 2h Hard Dry 12h

The Value of the standard application amount is the standard value of usage. It may vary depending on the conditions of the individual.

Please use the dedicated under coat to suit a variety of each substrate material.

Please refer to the Instruction Manual and Materials Safety Data Sheet (MSDS) for the general guidelines for the paint handling

### Contact in

GREEN LABEL



## ENERGY SAVING PAINT

# Adgreencoat®



ENERGY SAVING



ECONOMIC BENEFITS



SAFE & SMART



ECO FRIENDLY



DURABLE



GREEN & ECO MARS

Let's think about what we can do for future children.

