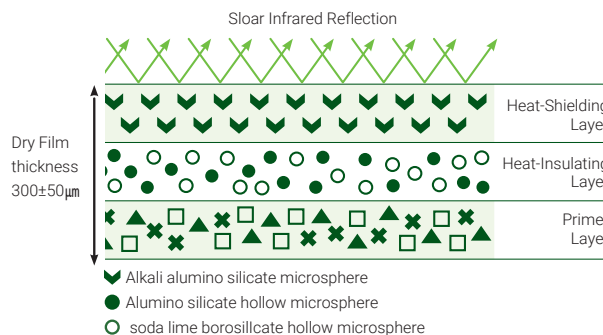


Technological competitiveness Fusion technology of non porous and hollow bodies	Process competitiveness Modified for target from the basic recipe
Reduced Construction Period Apply 1~2 coats of topcoat without needing primer -> Reduction Construction period up to 30%	Special Functions Special performance such as anti-fouling and rust preventative performance can be added and strengthened.
Cost Reduction Labor cost savings due to shortened construction time -> Cost saving up to 50%	Customized production Capable of producing a variety of products in small quantities

Principle of complex function of Heat-Insulating and Heat-Shielding.

Insulation effect through ceramic hollow body, It exerts a heat shielding effect through a ceramic non-porous body.



Energy saving and carbon reduction

Acquired certified test reports for reducing energy consumption rate and greenhouse gas emission reduction rate

Energy Saving Rate by paint : up to 50%

Reduction of Greenhouse gas emissions Rate: up to 40%

Container energy consumption (unit : kWh/day)

Division	9/1	9/2	9/3
Unpainted	3.733	3.414	2.347
EUCNC	1.718	1.721	1.295
JAPAN	3.541	2.838	1.831

Container greenhouse gas emissions (unit : kgCo2eq)

Division	9/1	9/2	9/3
Unpainted	1.715	1.568	1.078
EUCNC	0.789	0.791	0.595
JAPAN	1.627	1.304	0.841

Intellectual Property Registration

HEAT SHIELD AND INSULATION PAINT COMPOSITON

Application No.	Application date	Registration No.	Registration date
10-2021-0003742	2021.01.12	10-2283877	2021.07.26

HEAT SHIELD AND INSULATION PAINT COMPOSITION REQUIRING NO PRIMER AND NO SURFACER

Application No.	Application date	Registration No.	Registration date
10-2021-0003743	2021.01.12	10-2311501	2021.10.05

HIGH THERMAL INSULATION COATING COMPOSITION FOR HIGH-TEMPERATURE SURFACE PARTS

Application No.	Application date	Registration No.	Registration date
10-2021-0005910	2021.01.15	10-2283891	2021.07.26

EXTERNAL WATER PAINT COMPOSITION FOR HEAT SHIELD, INSULATION COATING AND INITIAL FIRE EXTINGUISHING

Application No.	Application date	Registration No.	Registration date
10-2022-0043051	2022.04.06	10-2454341	2022.10.07

INTERNAL WATER PAINT COMPOSITION FOR HEAT SHIELD, INSULATION COATING AND INITIAL FIRE EXTINGUISHING

Application No.	Application date	Registration No.	Registration date
10-2022-0043094	2022.04.06	10-2454340	2022.10.07

FOAMING FLAME-RETARDANT WATER PAINT COMPOSITION FOR WOOD INCLUDING INITIAL FIRE EXTINGUISHING FUNC

Application No.	Application date	Registration No.	Registration date
10-2022-0046030	2022.04.14	10-2454339	2022.10.07

Certification



Eco-Friendly Energy Saving Carbon-reduction paints with Heating-Insulating and Heat-Shielding Effect

Korean Innovative product certified by Ministry of Environment

Eco-friendly carbon reduction, Simple method, Strong durability

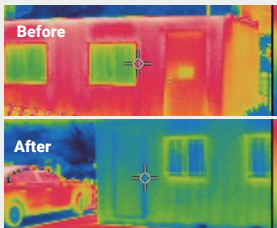
410, Jeongseojin-ro, Seo-gu, Incheon, Republic of Korea
032-566-0650
www.eucnc.co.kr
eucnc0604@gmail.com

Heat-Insulating, Heat shielding effect at once

Unlike existing products that have only one function of Heat Insulating or Shielding, it has both functions of Heat-Insulating and Heat-Shielding, and each has excellent performance.

Performance of our products	
Heat-Insulating effect	7~8℃
Heat-shielding effect	8~13℃
Number of applications	1~2 top coats
Eco-friendly label certification	Acquired
Green Technology Certification	Acquired
Korean Innovative Product Certification	Acquired

Temperature comparison before and after



Characteristics of existing product	
Has only one function : Heat-Insulating or Heat-Shielding	
Requires 3 coats of bottom, middle and top coats	

Characteristics of our products (EUCNC)	
Has both Heat-Insulating and Heat-Shielding functions	
No need for bottom or middle coat so only apply top coat once.	

Excellent technological competitiveness and possesses two functions:
Heat-Insulating and Heat-Shielding
It has the advantage of cost reduction and customized small quantity production.

Division	Product features	Number of applications	Cousomized production
Other company's Products	One function: heat insulation or heat shield	3-stage construction: top, middle, bottom coat	Not possibl with mass production system
Our products	Two functions : Heat-Insulating and Heat-Shielding (Patent: 10-2283877)	Top coat 1~2 times -> Reduction for construction period up to 30% (Patent : 10-2311501)	Customized production is possible as an industrial coating that lowers the temperature of high-temperature areas by adjusting the recipe (Patent:10-2283891)

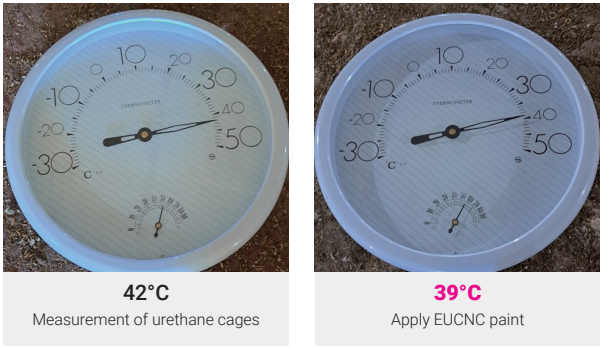
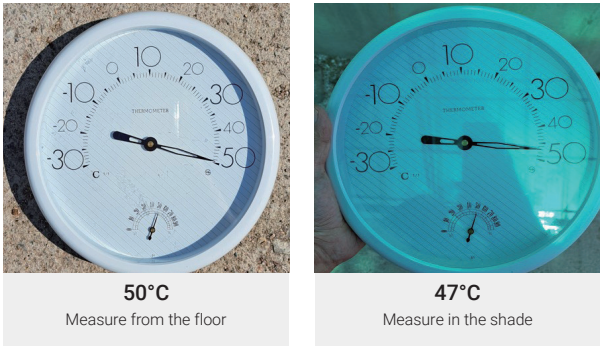
Combine Heat-Insulating & Heat-shielding at once

Unlike existing products that have only one function of heat Insulating or heat shielding, it is an eco-friendly special paint that has heat Insulating and heat shielding functions integrated into single product. (Saving Heating or Cooling Expense)

Test Bed in Green Cluster in Korea



Temperature measurement of Poultry farm

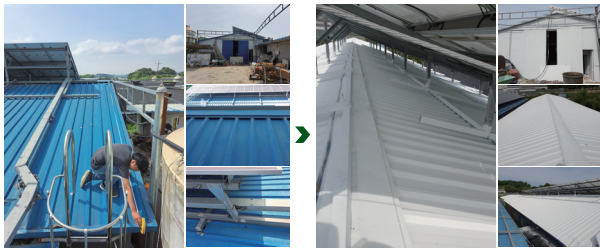


Major construction cases

Environment Corporation of Incheon



Poultry farm



Donated Paint and Apply for National University of Indonesia

