



ENVIRONMENT FRIENDLY ENERGY SAVING LOVE THE EARTH



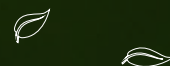
Company Introduction

With the vision of a better living environment for now and our next generation, 3G Tech Global established in Taiwan on 2013.

We manufacturing Fire Extinguishing Solutions, Fire Retardant and the Adgreencoat heat insulation coating.

Our experts focus on Good ideas, Great innovations and Genius designs, all 3 major products are all environmental friendly and effective.

There is only one Earth and we all live on it, Please help us to promote our products to make a better living environment.



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Eco-FES (Eco-Fire Extinguishing Solution)


What is Eco-FES

Eco-FES (Eco-Fire Extinguishing Solution) is an environment friendly Fire Extinguishing Solution which can put off fire of Class A, B, and K. For class C fire a special mist spray nozzle will be needed. For Class D fire We have alternate solutions which is special made for it.

Class of fire


- Class A Fires - consist of ordinary combustibles such as wood, paper, trash or anything else that leaves an ash.
- Class B Fires - are fueled by flammable or combustible liquids, which include oil, gasoline, and other similar materials.
- Class C Fires - energized Electrical Fires. Always de-energize the circuit.
- Class D Fires - are combustible metal fires. Magnesium and Titanium are the most common types of metal fires.
- Class K Fires - cooking oils grease or animal fat.

Characteristic of Eco-FES


 Less messes , no residue or contamination after use

 Non-corrosive as water

 Totally biodegradable


 Prevents re-ignition

 Rapid cool down

 Safe & easy to store

 Examined by SGS

 Less water needed

 Non toxic

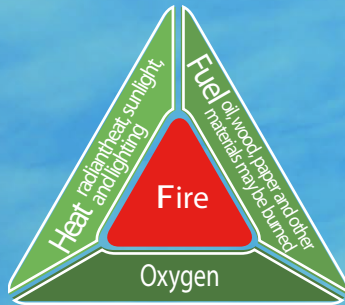
 PH neutral

 Less toxic smoke

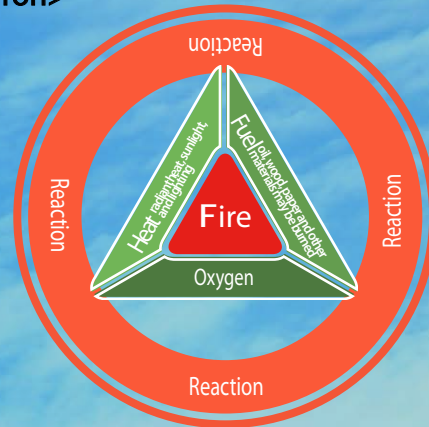
How Eco-FES extinguishing fire

Eco-FES can interrupting the chemical reaction between Oxygen, Heat and Fuel by remove the heat instantly, Resulting in effective extinguishment.

<Fire triangle>



<Fire tetrahedron>



Application of Eco-FES products

- Mini Fire Extinguisher RB-450
- All portable fire extinguisher units eg, Regular handheld Fire extinguisher.
- Fire Truck
- Building Automatic Fire Sprinkler Systems
- Basically Eco-FES is compatible for most of current fire extinguish equipment, there is no need to purchases new equipment for it.



Eco-FES (Eco-Fire Extinguishing Solution)



◀ Eco-FES-Zero

Eco-FES Ratio table		
Class of Fire		Ratio of Eco-FES
A	Ordinary combustibles	0.5 ~ 1% of Eco-FES with Water
B	Hydrocarbon fire Polar solvent fire	3% ~ 6% of Eco-FES with Water 6% ~ 10% of Eco-FES with Water
K	Cooking oils grease or animal fat	3% ~ 6% of Eco-FES with Water

- For forest fire just add 1% of Eco-FES with Water into the Fire truck.
- As the volume of portable units are small, we recommend to add 10% of Eco-FES for all portable units.

RB-450 Mini Fire Extinguishing Solution:

Characteristic

- Environmental friendly and Non-toxic
- Easy to use - no need to shake before use
- Rapid cool down and prevent re-ignition
- Easy and safe to store from -5 to 50 degrees Celsius
- Biodegradable, no residue or contamination after use - No need to clean up
- All directional spray with effective range of 3 meters

Scope of application

- Household: living room, kitchen, bedroom
- Office, conference rooms
- Classrooms
- Hospitals
- Factories
- Restaurants
- Vehicle

◀ RB-450 Mini Fire Extinguishing Solution

All directional spray with effective range of 3 meters ▶



All portable fire extinguisher units

Eco-FES are compatible with all portable fire extinguisher units on the market, just dilute in accordance with the Ratio table on the left.

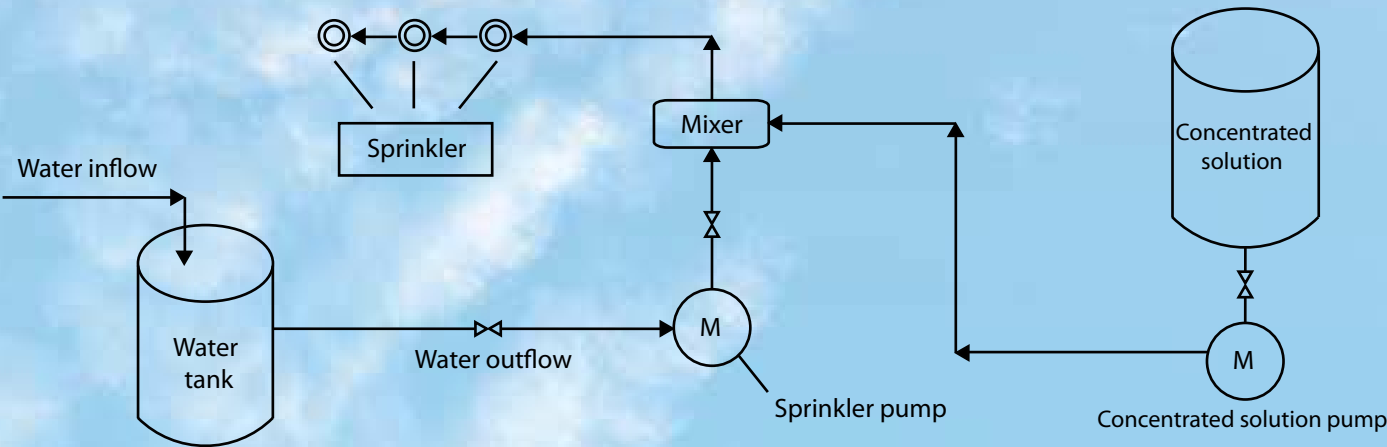


◀ Regular handheld 3, 6 and 9kgs Fire Extinguisher



Fire Truck ▶

Building Automatic Fire Sprinkler Systems Diagram



Eco-FES Fire Retardant (Class A Fire Retardant)

Characteristic of Eco-FES Fire Retardant:

- Environment friendly water based solution
- Non-poison, Odorless, No pollution
- Inhibits the development of toxic hydrocarbon smoke
- Effectively prevents the spread of flame

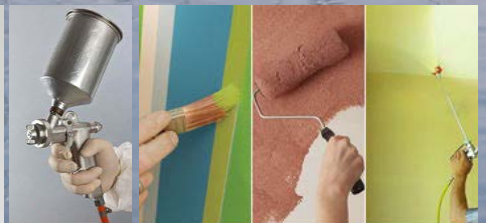
Theory of EcoFES - Fire Retardant:

Eco-Fire Retardant can carbonized the object surface to form a protection of thermal insulation layer result in prevent flame from spreading. Stop fire by carbonized the surface & release nitrogen during burning to rapid cool down.

Application of EcoFES - Fire Retardant:

- Can be used with a variety of colors of paints to paint on the surfaces of various materials.
- Can be broadly use in many fields including equipment coolant, textiles and construction materials ... and more.

- Can be applied on materials by soaking, spraying, brushing or roller.



- Protect and resist flame ignition when apply on wood, cloth, paper or any water absorbing materials.





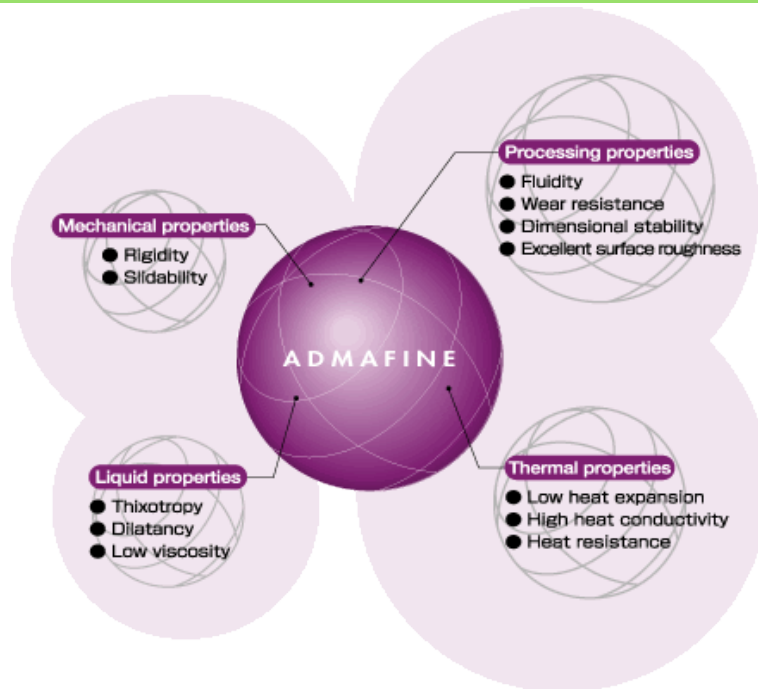
Adgreencoat Heat Insulation Paint

What makes Adgreencoat an amazing Heat Insulation Coating?

The secret is

- ADMAFINE: the tiny Sphere shape ceramic particle with diameter of only 0.5 μ .
- ADMAFINE particles are like balloon with Low thermal expansion but great Thermal conductivity.
- These particles can tidily lineup together to form an heat shield.

What is **ADMAFINE**?








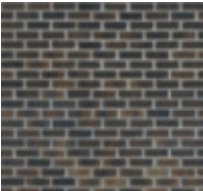


Characteristic of Adgreencoat Heat Insulation Paint:

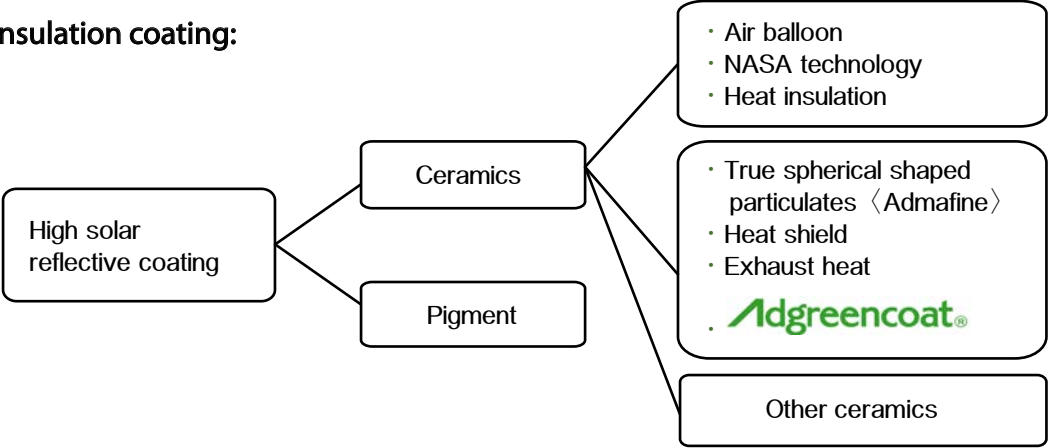
- Durable Protection - Great Wear resistant 、scrubbing resistance 、 Good Waterproof 、 UV resistant 、 Acid and alkali resistance
- Energy Saving – High solar reflectivity that reflects 87% of near-infrared and instant heat extraction for the rest of 13%
- Photocatalysis (TiO₂) - Stays clean as the smooth finish surface with great stain resistant 、 antibacterial and no bryophyte
- Very thin layers total 150 μ m result in no heat accumulation
- Easy to stir and quick installation result in less labor needed, only need 3 layers of painting
- Environmental friendly award from China, Japan, Singapore and Taiwan
- Many color choice
- Flame resistant



Heat insulation building materials:

Adgreencoat®	0.15 mm	
Polyurethane Foam	25 mm	
Polystyrene	40 mm	
Mineral Wool	45 mm	
Cork	50 mm	
Fiberboard	65 mm	
Wood	140 mm	
Blocks	380 mm	
Bricks	860 mm	

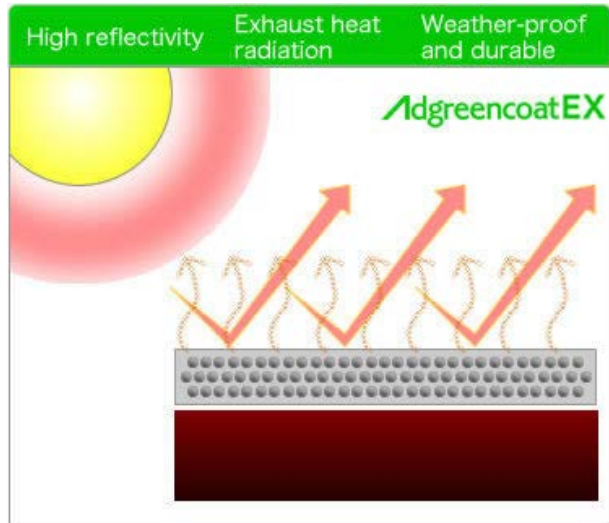
Type of heat insulation coating:



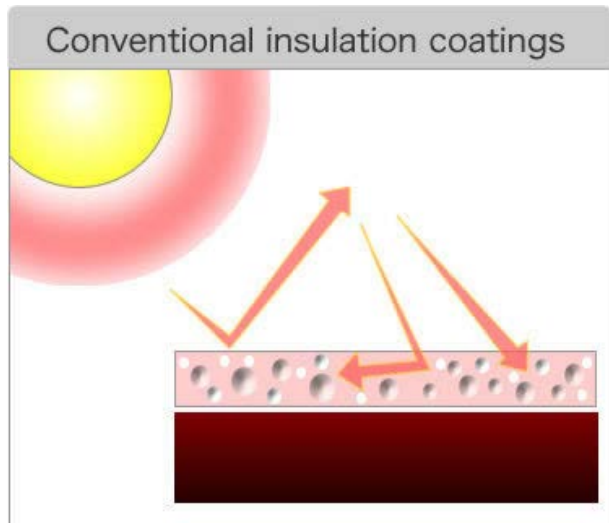
Adgreencoat Heat Insulation Paint

Competence with Adgreencoat and Thermilate:

- Unlike the general heat insulation paint, the secret excels AdgreencoatEX in a quantity reflective function, a non-Heat radiation function, and a season-proof and durability for sharp article size distribution.



With its systematic size distribution of particles, Adgreencoat shuts off almost all the light, heat, and ultraviolet rays. Also, since it can release what little heat that penetrates, AdgreencoatEX does not allow the heat to build-up.

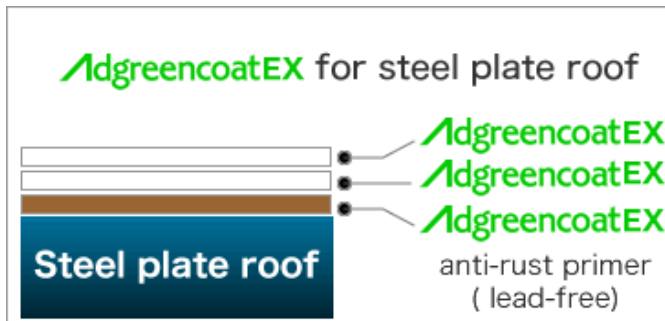


Conventional insulation coatings allow almost all the light and heat to penetrate because of their uneven particle size distribution the heat that penetrates the coating will be trapped and accumulated, resulting in the heat island effect.

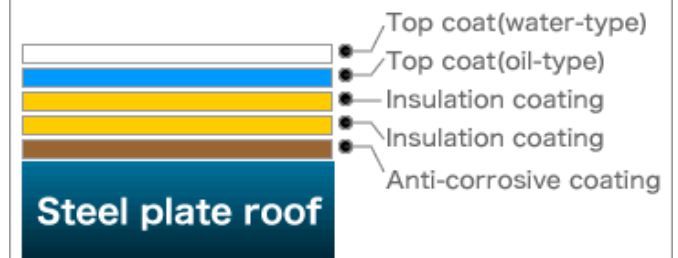
Adgreencoat Economy:

- Adgreencoat can shorten the construction period because only two layers of painting is required when compared with the traditional paints which required 5~7 layers painting. Adgreencoat is economic for both construction time, material and labour cost. The optimal thickness of dry film is about 150μm-180μm.

< For steel plate roof >



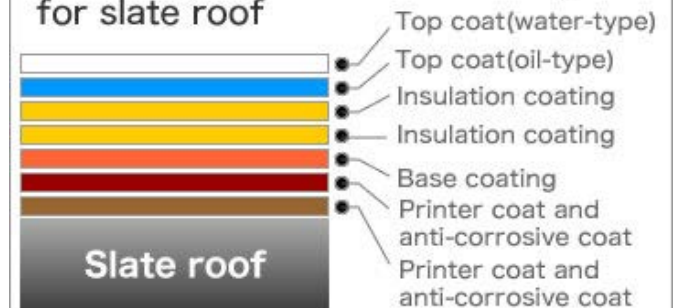
Company A's insulation coating for steel plate roof



< For slate roof >



Company A's insulation coating for slate roof



Adgreencoat Heat Insulation Paint

Applicable area:



Roof and wall of building

- room temp. and out. cool down (save air conditional cost)
- Rust-proof and corrosion-proof effect
- Prevention of sweating
- increase value added

Roof and wall of farmhouse

- Solve feed intake of pig reduce problem
- Save ventilation and cooling cost
- Increase lactation of milk cow



Fuel tank and tubing

- cool down and volatilization of oil reducing
- Make Temp. of tubing equipment down
- Application of scald prevention
- Prevention of sweating

Helmet

- cool down
- Prevention of heatstroke n-proof effect



Shipping, motor and container

- cool down
- save gas fee
- Reducing of light reflection phenomenon



Amusement equipment and handrail

- Make temp. of amusement equipment and handrail down
- Rust-proof and corrosion-proof effect

Experiment:

Taiwan-warehouse



Japan-warehouse





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