



## Aerospace technology to our lives

Born From **J A X A** space technology, GAINA brings lots of features: insulation, soundproofing, dew condensation and insulation just by painting

**GAINA Pro Co., Ltd.**



### “GAINA” Thermal Insulation Paint Technology Overview

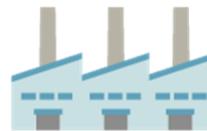
Just painting reduces power consumption of air conditioners and CO2 emissions.



Withstands high temperature  
Light weight  
Hard to peel off

Special ceramic coating

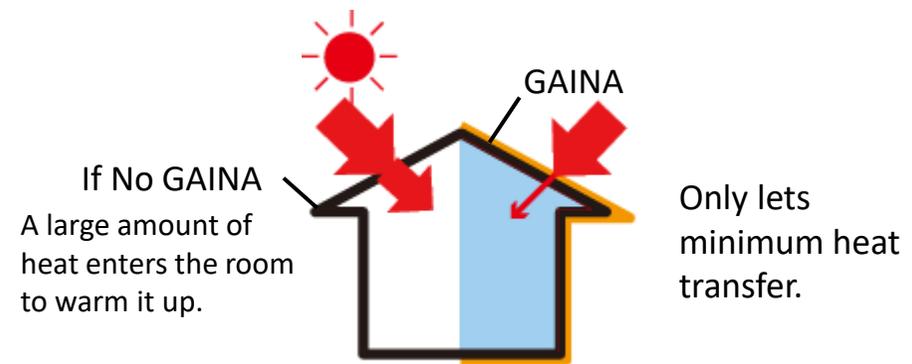
Optimized for buildings  
= GAINA



GAINA is a product based on **rocket technology** that has been reduced in cost so that it can be applied to buildings and other structures, so it will definitely work!

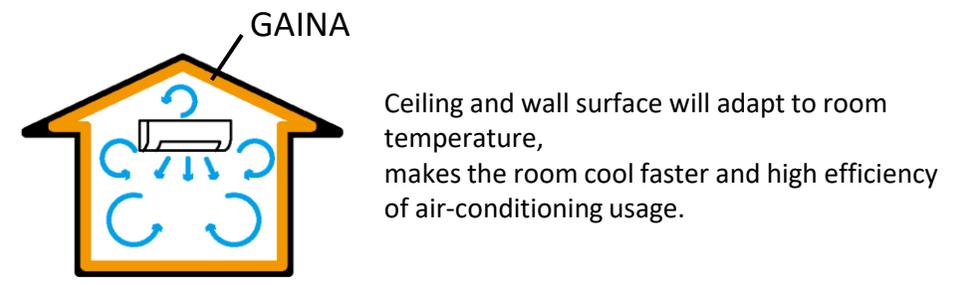
# Heat protection application

- Exterior GAINA coating prevents heat penetration.



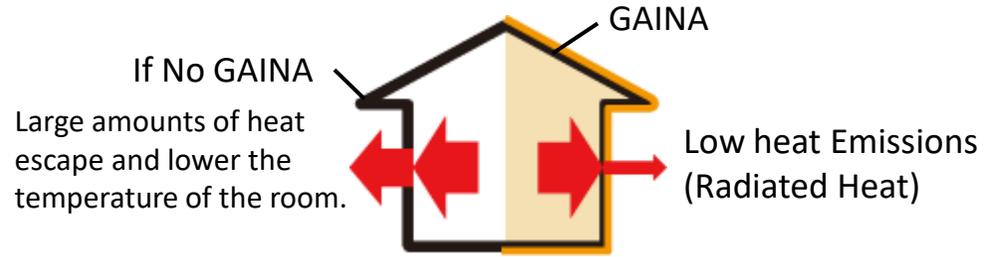
The figure is halved for comparison, but in reality, the entire building is coated.

- Air-conditioning is more efficient with interior GAINA coating.



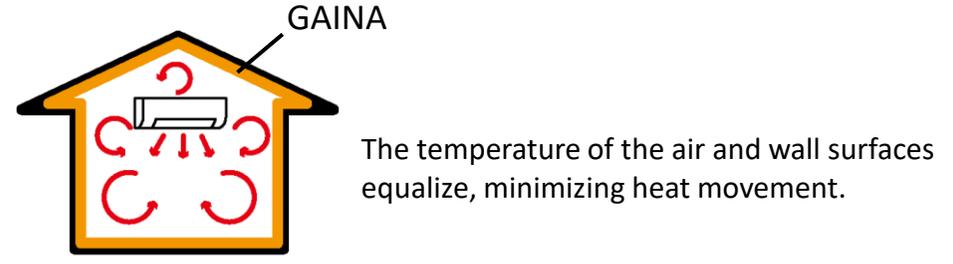
# Cold protection application

- Exterior GAINA coating prevents heat from escaping.



The figure is halved for comparison, but in reality, the entire building is coated.

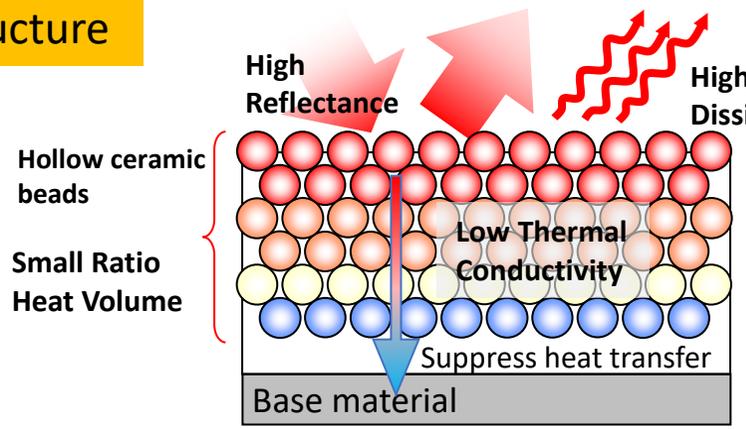
- Interior GAINA coating improves heat retention.



# Image of the coating structure

Only GAINA has so many.

Hollow ceramic beads = **80%**  
Acrylic silicone resin = 20%



Not only does it reflect heat, it insulates with a layer of air, making it highly effective and long life ( more than double that of ordinary paints ).



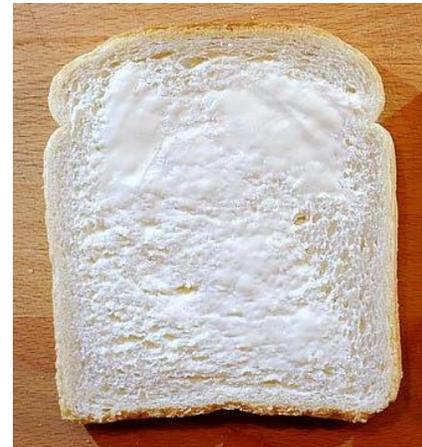
# Image of ceramic coating

(This is a picture of butter on bread. It's not the actual GAINA.)

Does rocket technology seem difficult? Don't worry, GAINA is easy for anyone to install. No special skills are required.



This usually happens because ceramic is insoluble in water and solvents.



**What's great about GAINA** is that anyone can do ceramic coating easily while maintaining performance.



## Our other SDG's solutions

### ■ Special primer

- Can be applied directly over rust and strong reinforcement "Rust Samurai"

### ■ Using biotechnology

- Waste recycling equipment that does not burn garbage
- Water treatment equipment that does not use chemicals
- Antivirus Water for space sterilization

Due to the limitation of the paper, we can't write the details. If you are interested, please contact us.

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