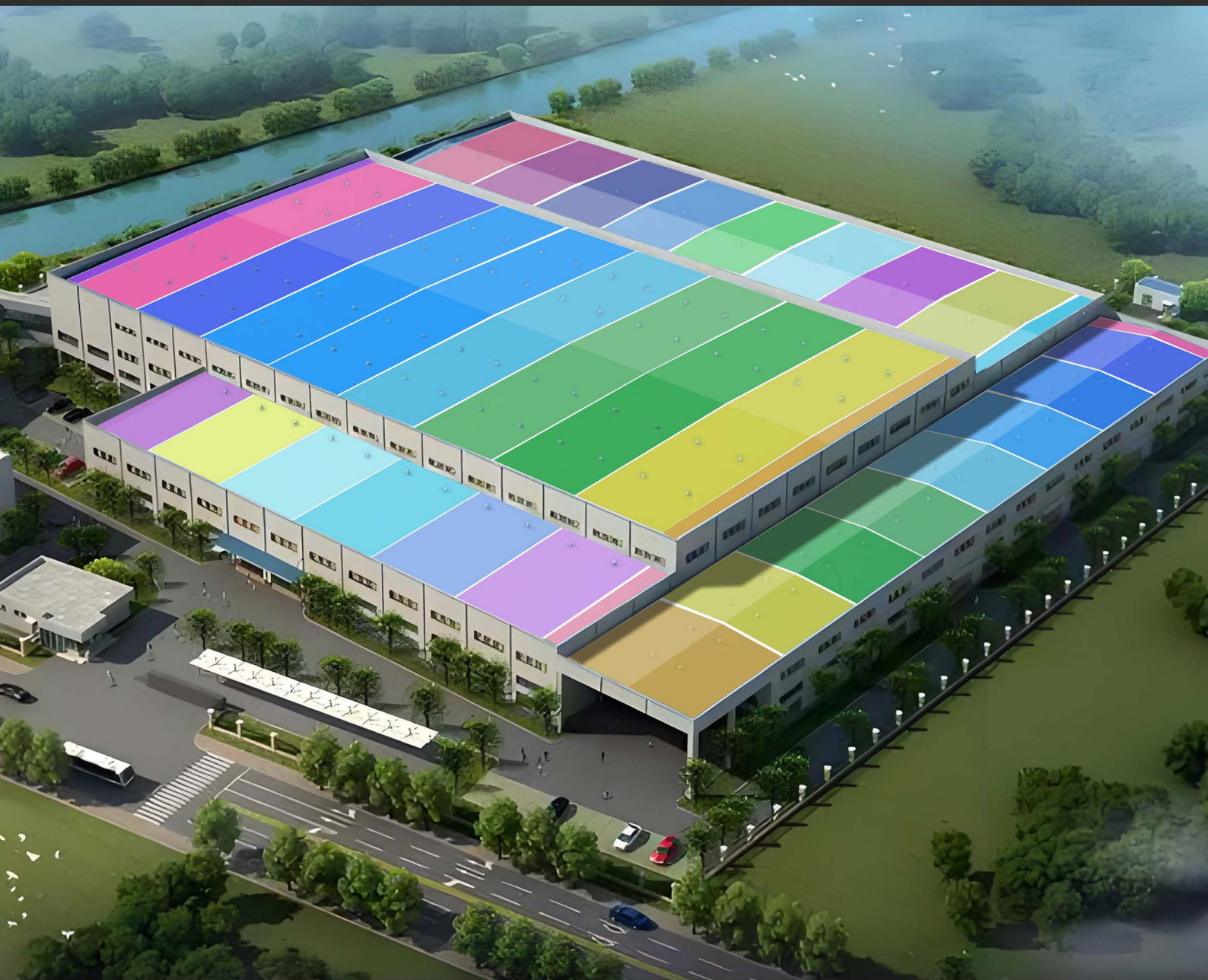


Foam Insulation Repair System



One-stop service
Enhanced thermal insulation,
waterproofing and anti-corrosion integration.



MPU[®] COATINGS

Jiangmen Choi Sum Environmental
Materials Co., Ltd.

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Company Profile

Jiangmen Choi Sum Environmental Materials Co., Ltd. (abbreviated as “MPU Coatings”) is a comprehensive enterprise specializing in the R&D, manufacturing, and sales of sports flooring materials, architectural coatings, and building repair materials. We are dedicated to providing customers with high-tech products alongside a full range of after-sales services.

Our vision is to lead the sports flooring industry by ensuring product safety and quality through continuous research and innovation. We strive to meet the flooring needs of various environments, including communities, schools, public spaces, and professional venues, while delivering premium service worldwide.

Our core technical team boasts over ten years of experience in design, development, quality management, technical support, and business services. With a robust technical service network, we ensure efficient and professional solutions tailored to our clients' needs.

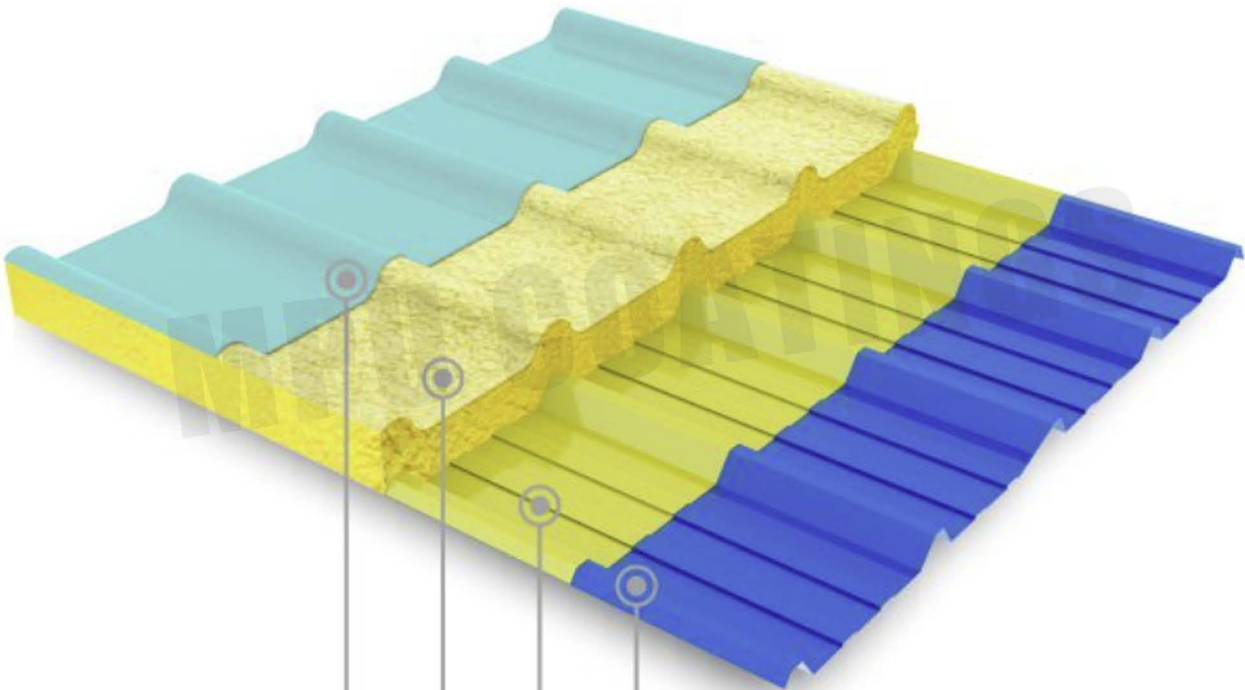


Enhanced thermal insulation,
waterproofing and anti-corrosion integration



*Cure water leaks in one go,
Waterproof, heat-insulating,
and pressure-resistant three-in-one
Give you a brand new roof,
beyond your expectations!*

FOAM INSULATION STRUCTURE DIAGRAM

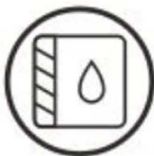


Color steel tile

Primer anti-rust layer

Spray Foam Insulation

Polyurea floor waterproof finish three in one



Waterproof



Anti corrosion



Beauty



High strength



Durable



Heat insulation



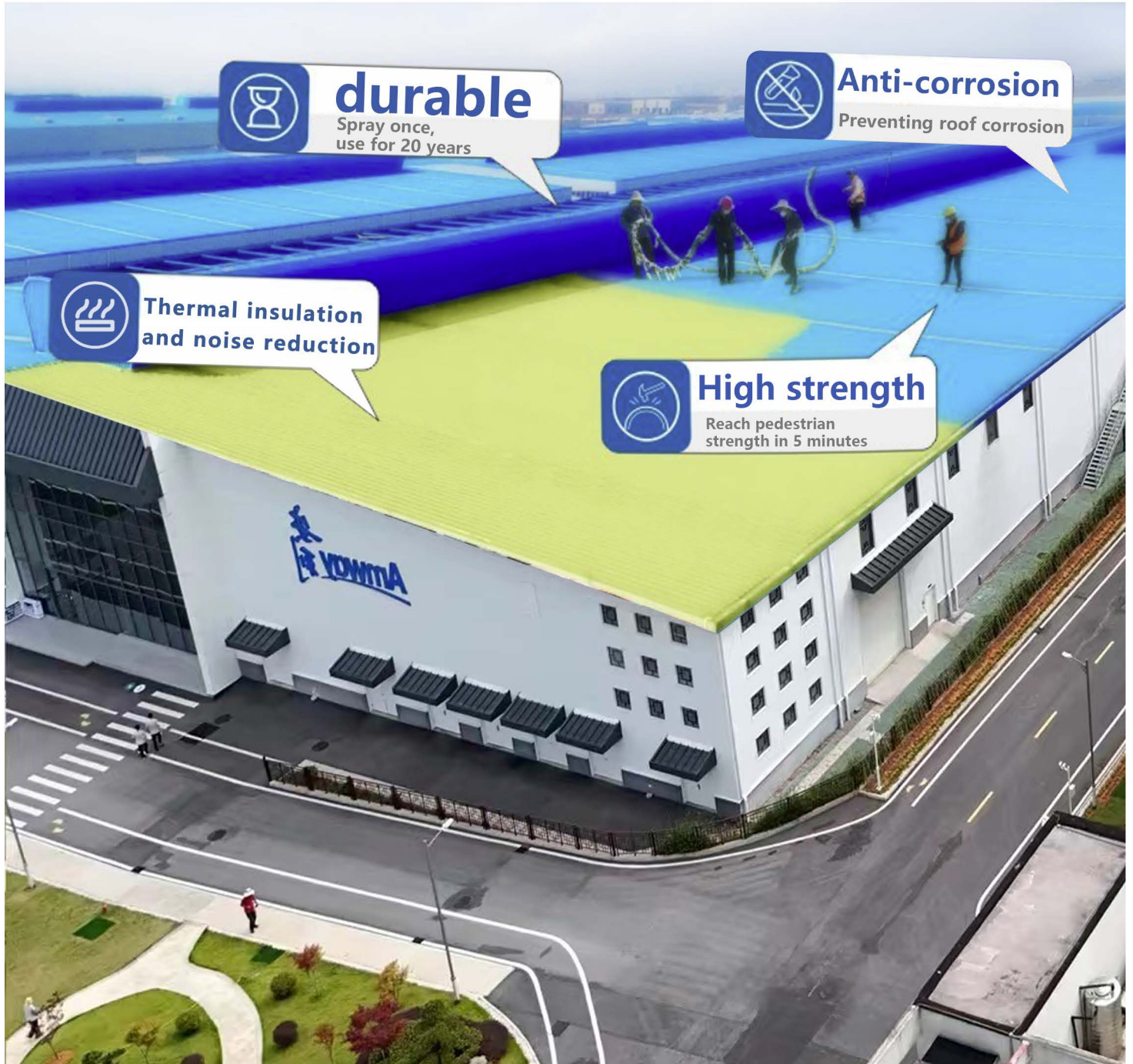
Noise reduction



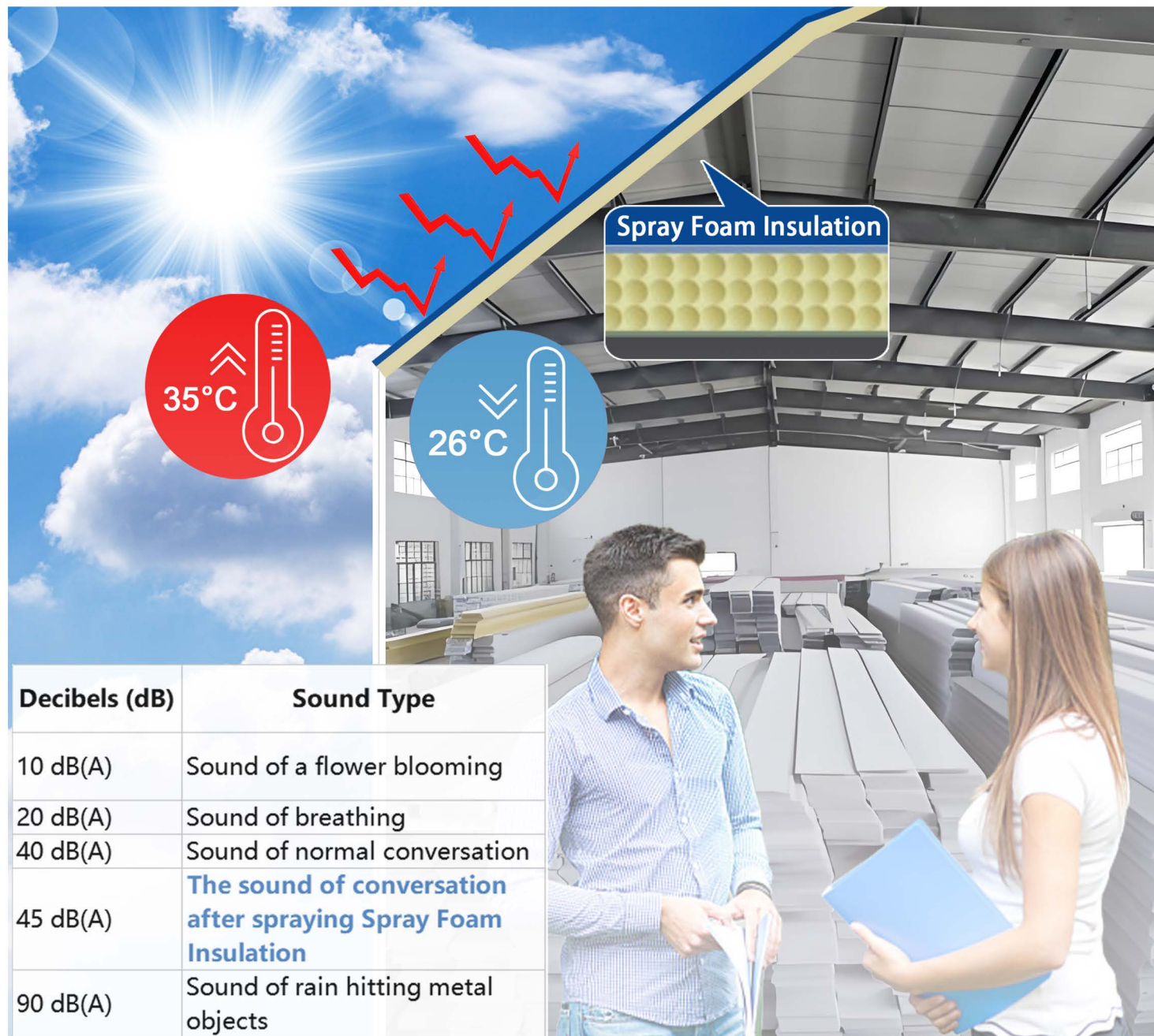
Fireproof

Give you a brand new roof

Combining performance and appearance!



It also has heat insulation and noise reduction functions



Decibels (dB)	Sound Type
10 dB(A)	Sound of a flower blooming
20 dB(A)	Sound of breathing
40 dB(A)	Sound of normal conversation
45 dB(A)	The sound of conversation after spraying Spray Foam Insulation
90 dB(A)	Sound of rain hitting metal objects

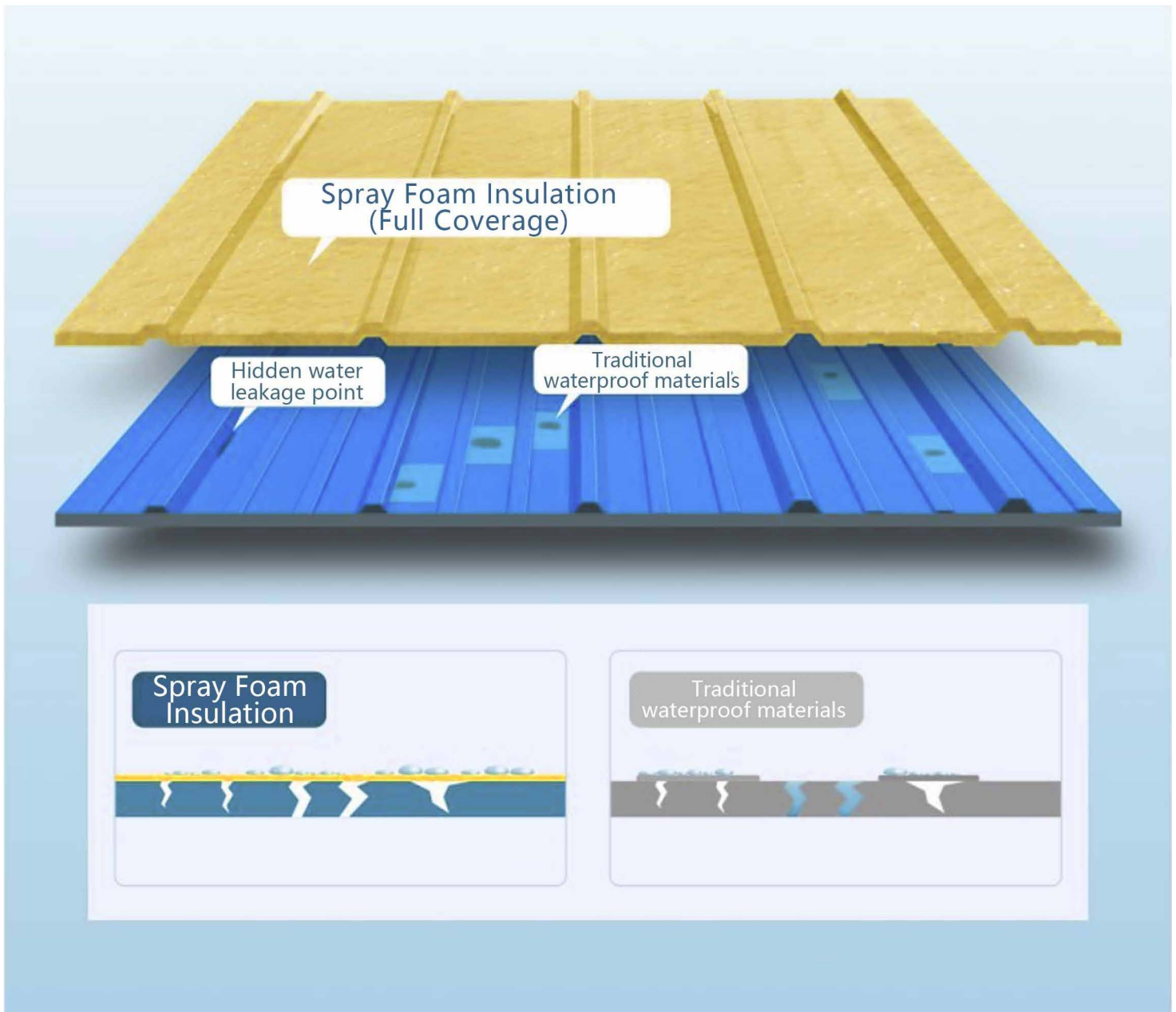
Foam Insulation High-density closed-cell foaming technology, each bubble is independent of each other. It isolates the transfer of temperature and perfectly solves the problem of too high temperature in summer and too low temperature in winter in steel structure workshops.

At the same time, the foam has strong adsorption and obvious noise reduction effect, which effectively reduces the noise problem caused by rain hitting the roof of steel structure buildings in rainy weather.

ADVANTAGES

1 Water proof

Before the waterproof treatment of colored steel tiles is generally carried out, the leaking points must be accurately found and covered with waterproof materials to achieve the waterproof effect. However, the actual situation is that there are many hidden leaking points on site that even professional construction workers may not be able to find, which can easily lead to repeated leaks on the roof.



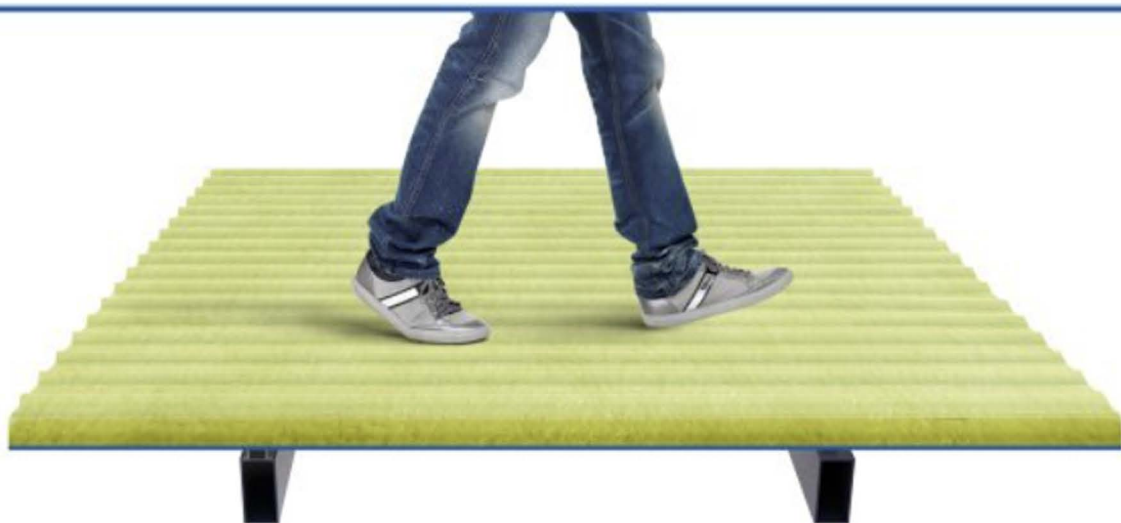
Overall spraying process, fully covering the leaking points

2, Enhanced pressure resistance

Color steel tile roofs that have been used for a certain number of years generally lose strength and become fragile, and people walking on them are in danger of falling.



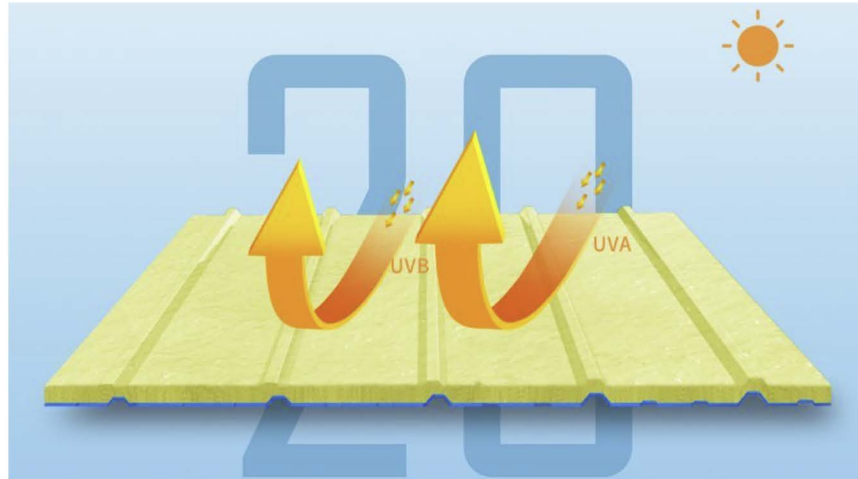
Before spraying Foam Insulation:
The roof is weak and there
is a risk of falling when walking



After spraying Foam Insulation:
the roof is strong and you
can walk on it with confidence

3, durable

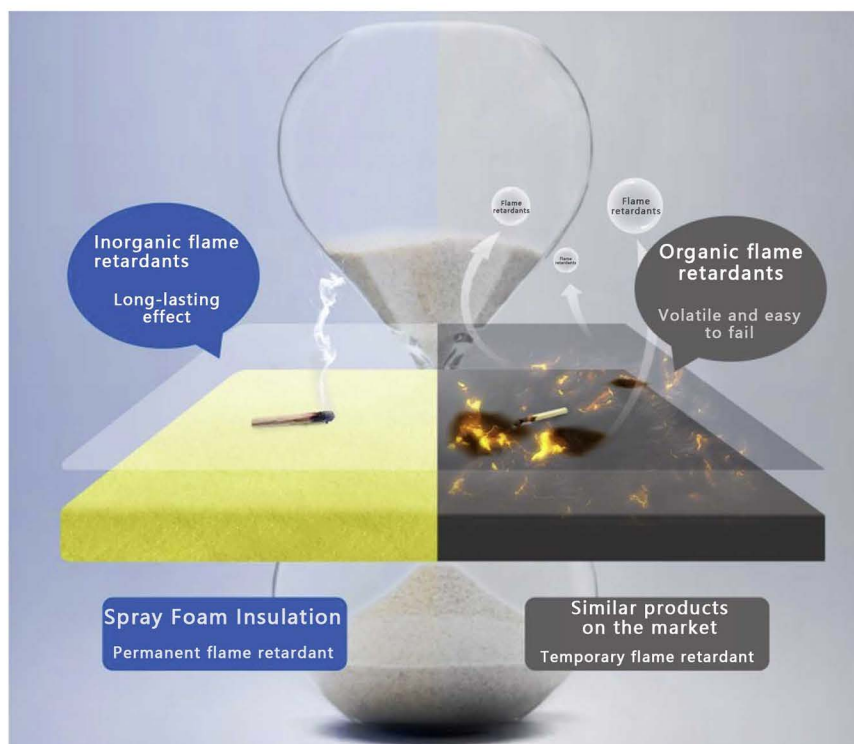
Foam Insulation has high weather resistance. The coating will not powder or fade in the wind and rain. It also has high toughness, strong bending resistance, and is not easy to break.



Refurbish once, can be used for 20 years

4, Fireproof

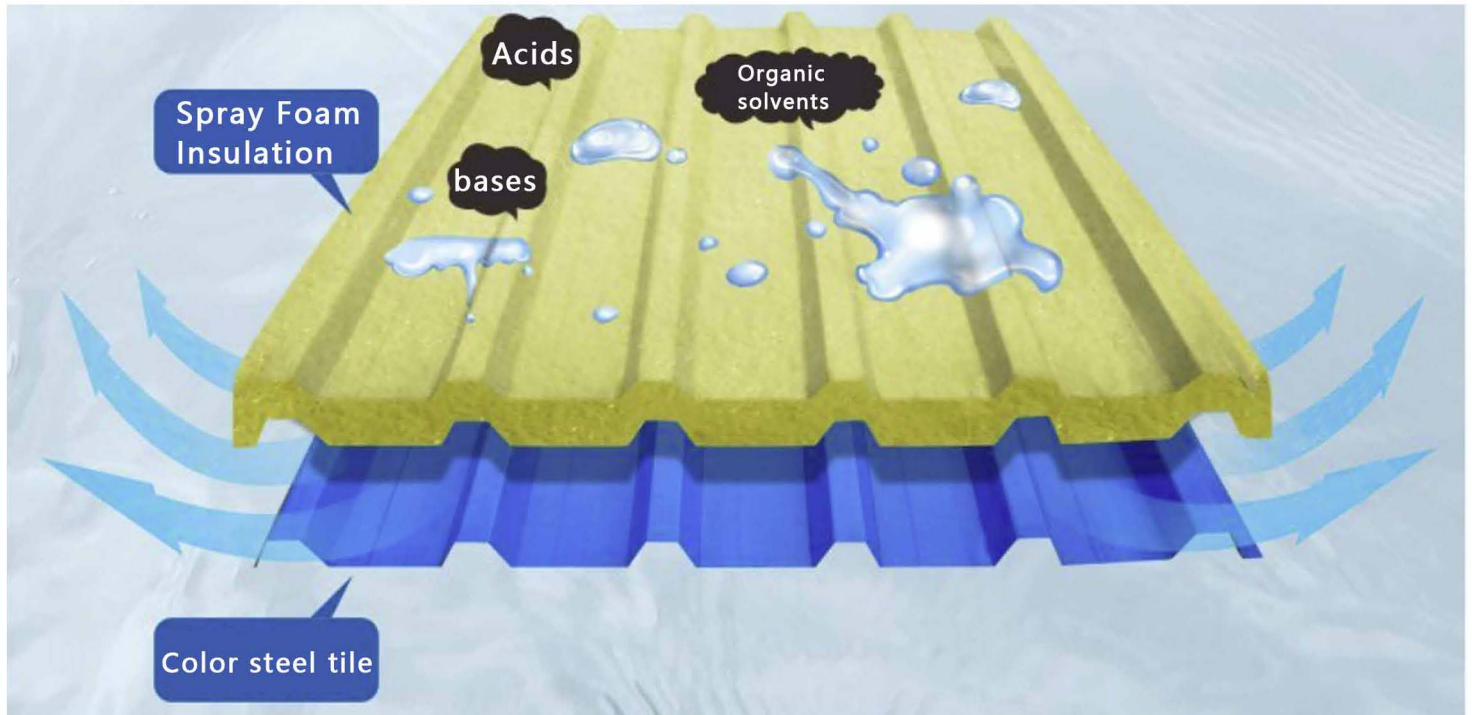
Foam Insulation itself has permanent flame retardant characteristics, and adding inorganic flame retardants can achieve double permanent flame retardancy.



B1 fire protection level, fire extinguished

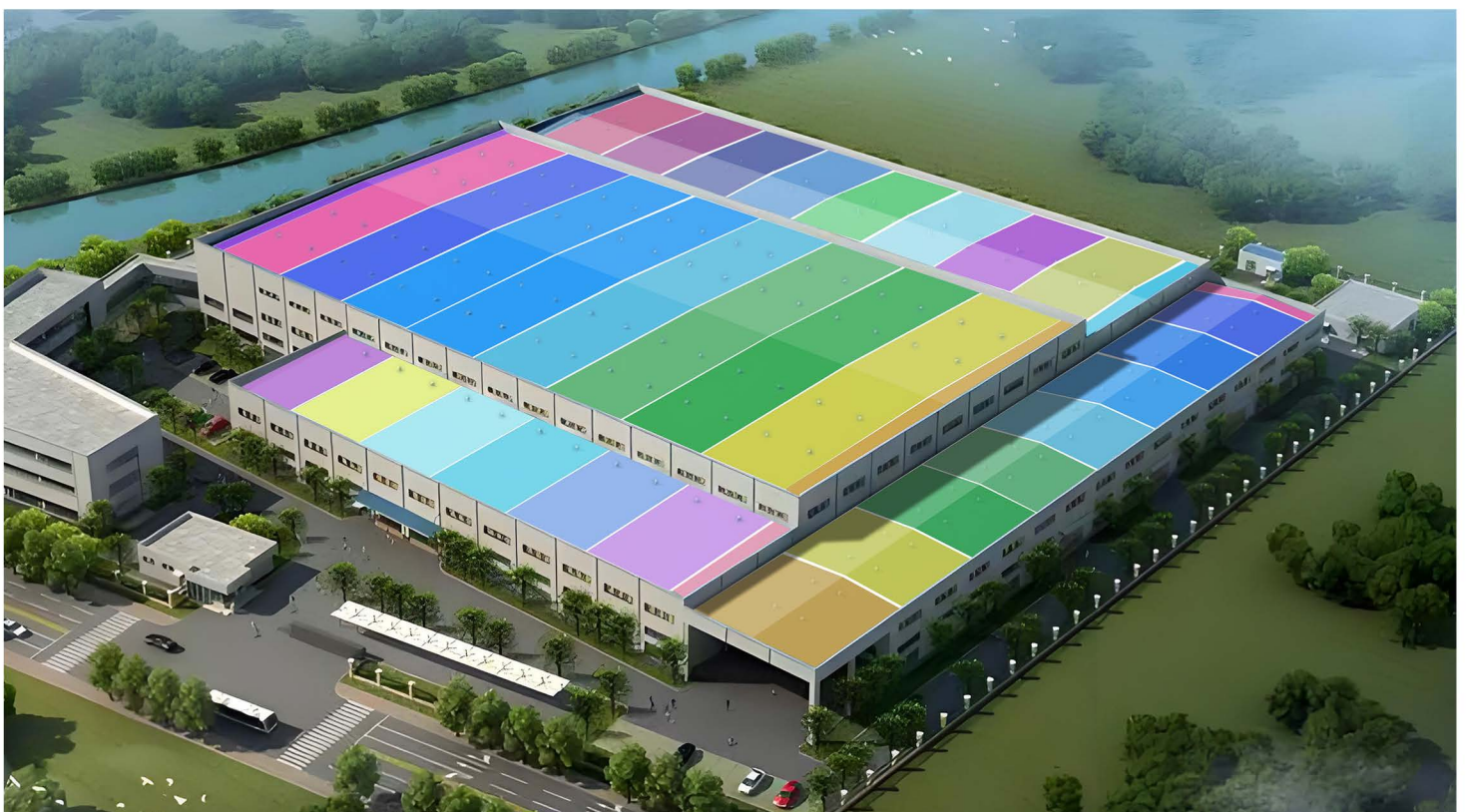
5, Anti-corrosion

Foam Insulation is tightly bonded to the color steel tile roof, effectively isolating the color steel tile from further reacting with air, acid, alkali and organic solvents to cause rust.



6, Aesthetics

The Foam Insulation surface layer has a variety of color options and will not fade even when used outdoors, providing a better visual experience.



Roof Photovoltaic Construction Application Foam Insulation



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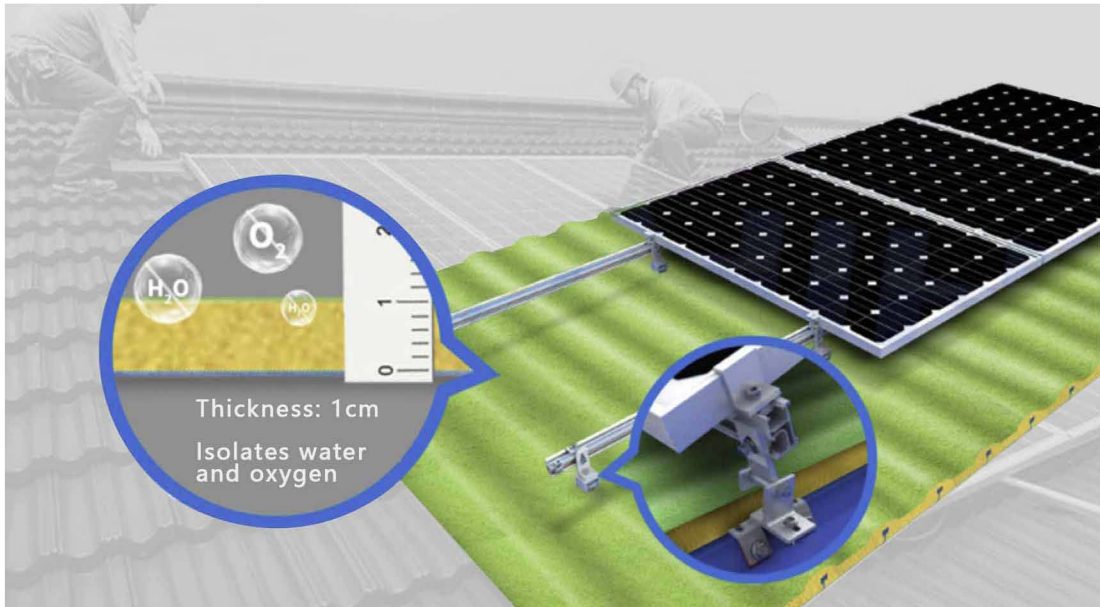
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1, Overall anti-corrosion and waterproof

After the photovoltaic base is installed, the entire roof is sprayed with Foam Insulation, which is seamlessly connected and fully covered to achieve overall anti-corrosion and waterproof functions.



2, Physical performance improvement

Foam Insulation anti-corrosion paint film has high wear resistance, which can solve the damage to the roof caused by photovoltaic management and maintenance



3, Extend service life

Foam Insulation has excellent weather resistance. In the use environment of wind and rain, the coating remains non-powdering and non-shrinking. At the same time, it has high toughness, strong bending resistance, and is not easy to break. The roof can be used for 20 years after spraying.



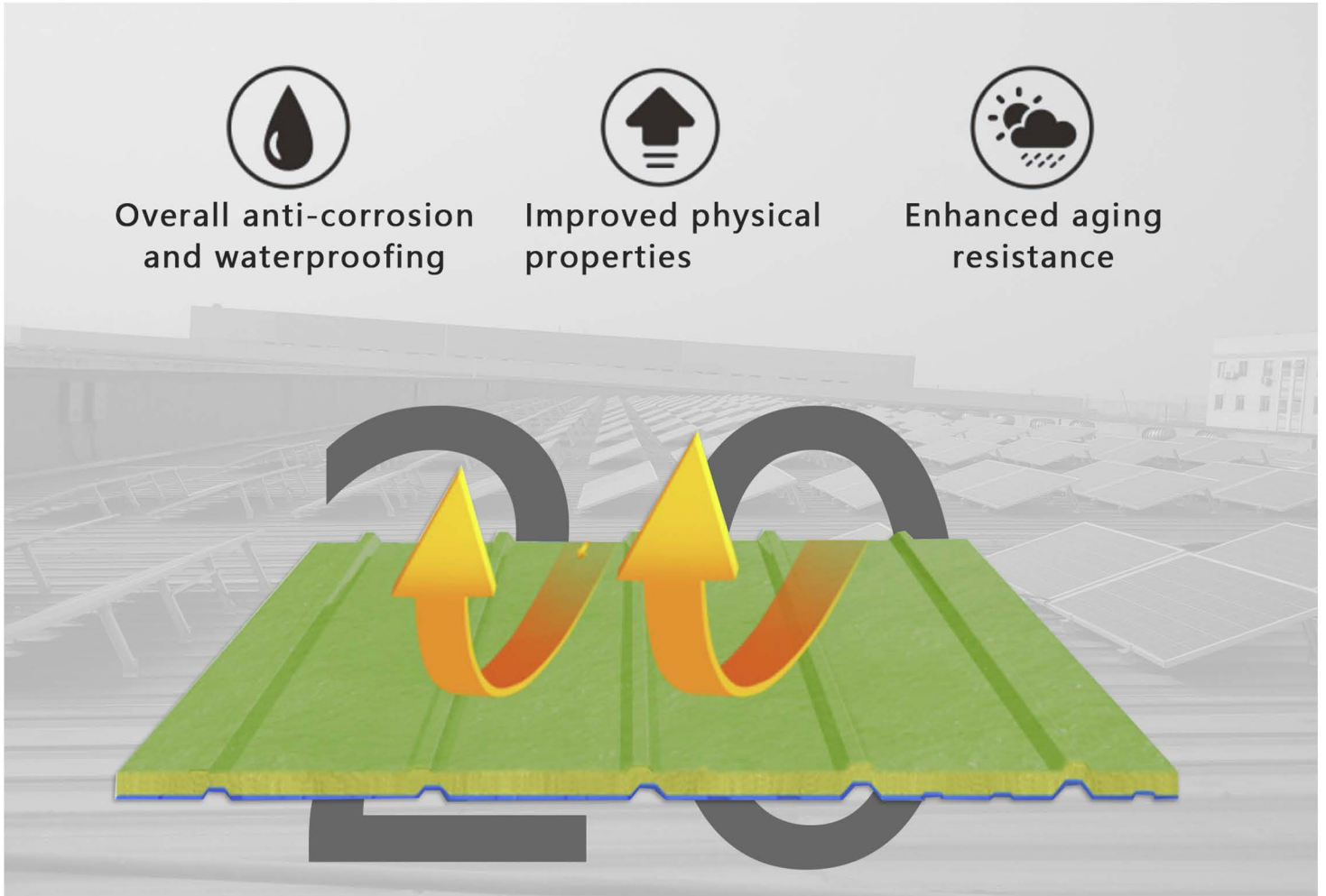
Overall anti-corrosion
and waterproofing



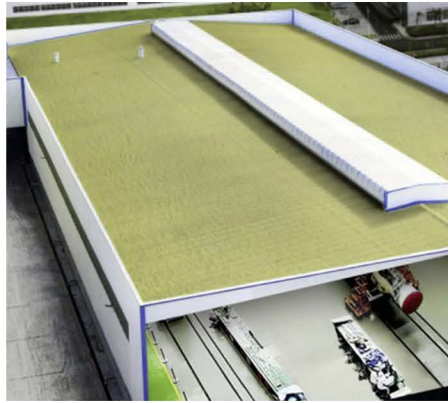
Improved physical
properties



Enhanced aging
resistance



APPLICATIONS



Factory roof



Photovoltaic roof



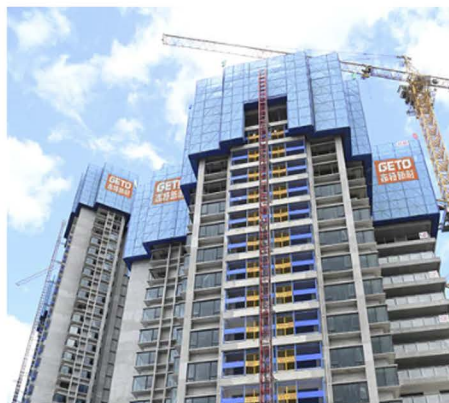
Steel structure roof



Flat roof



Floor plan



High-rise building



Terrace



Bathroom



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