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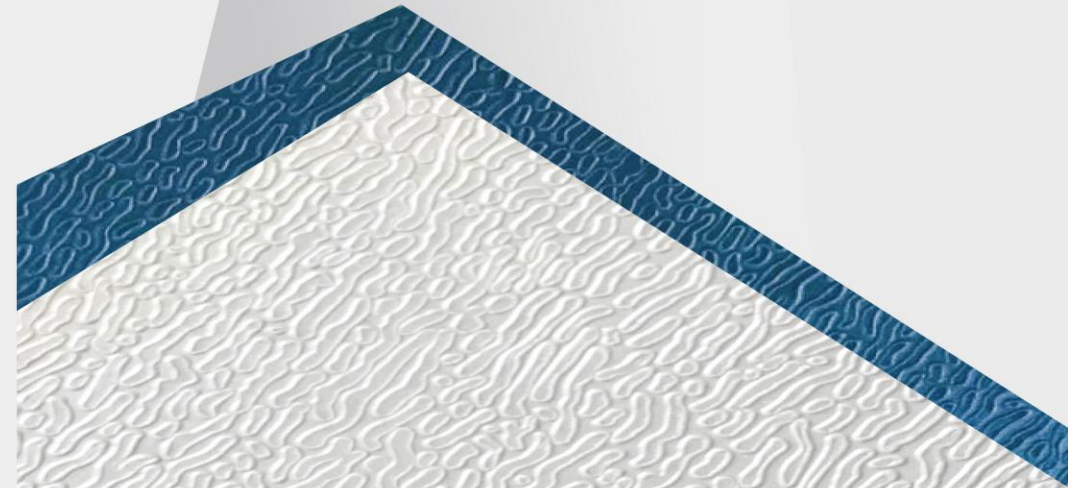
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Nano-Tec Tile



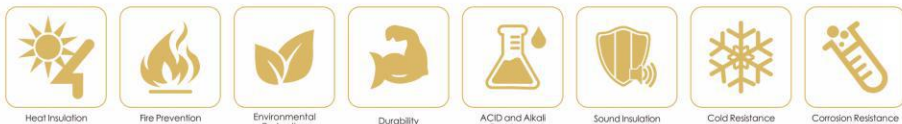
CHARACTERISTIC

Compare to the traditional steel sheet, SmartRoof Steel, temperature reducing up to **45°C** and sound reducing up to **40 db**. And in extreme weather SmartRoof Steel can bear

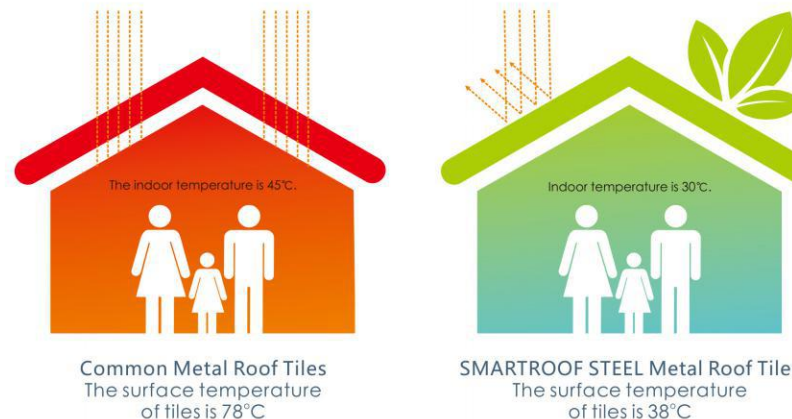


150°C Max. temperature and **-40°C** Min. temperature. What's important is cost saving, because SmartRoof Steel has combined heatproof function with soundproof function together and no need to rely on extra material. Regard to the lifetime span, guarantee up to **20 years**, twice longer than traditional one.

SmartRoof Steel, a new aging steel roofing material, will guide a revolution around the world. Nano-Tec Tile, a smart product you deserve to own.



HEAT-INSULATION (the outdoor temperature is 34°C)



3RD GENERATION



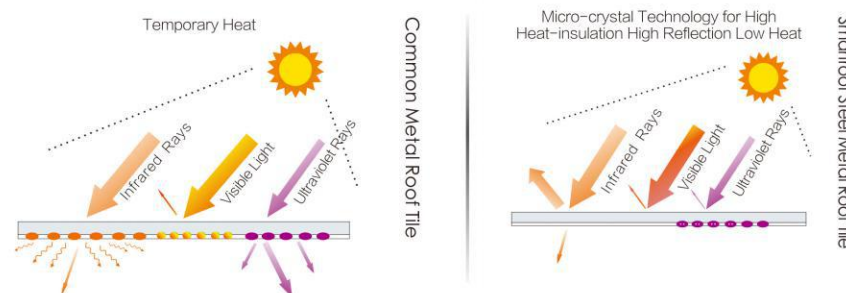
Diffuse Reflection

- Micro-Crystal Technology for
- High-insulation High Reflection
- Low Heat

Nano-Tec Tile is a new age roofing material with super strong heat insulation. It will strongly reflect the infrared ray and ultraviolet ray, not only in order to prevent temperature raising from accumulating sun heat, but also cool down through radiate the energy by itself.

Anti ultraviolet coating and heat insulation coating can suppress the energy of ultraviolet ray and infrared ray. Also stop the heat transfer. These coatings will reflect the energy to the air in order not to collect the energy on the surface. Meanwhile the low heat conductivity will be added into the coating in order to prevent the heat transfer. So no matter how high temperature it is, Nano-Tec Tile can block the heat transfer, in order to keep the temperature steady indoor.

PRINCIPLE OF HEAT INSULATION

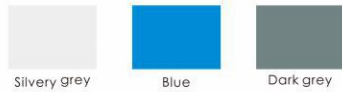


Nano-TecTile

1 GENERATION



• SMARTROOF STEEL 1st Generation •



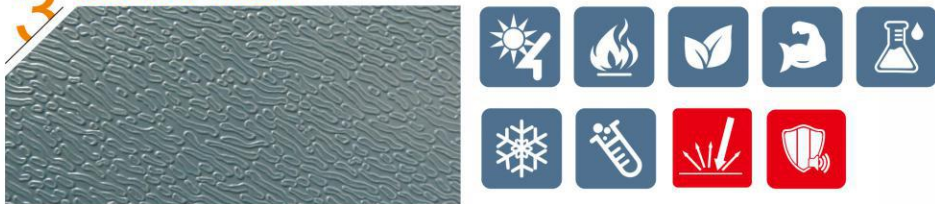
2 GENERATION



• SMARTROOF STEEL 2nd Generation •



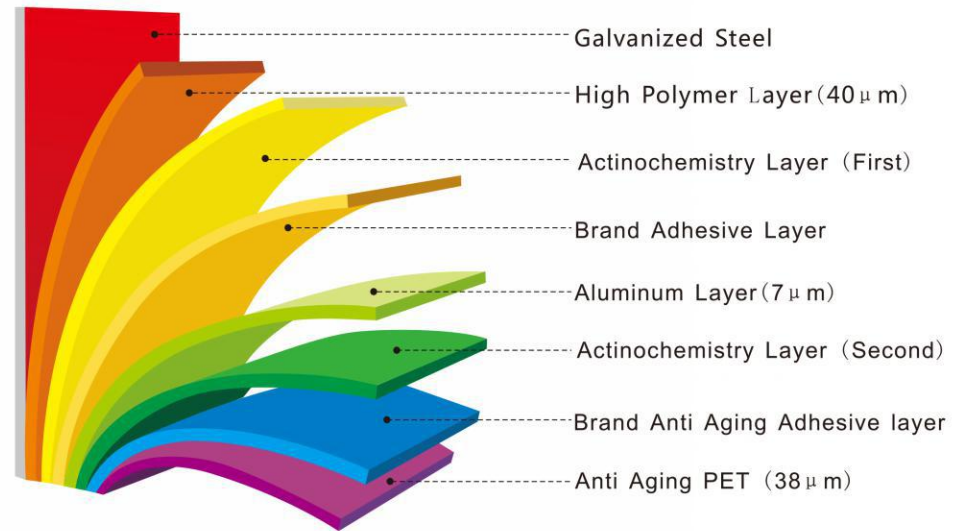
3 GENERATION



• SMARTROOF STEEL 3rd Generation •



Product Cutaway View



Packing List

ITEM NO.	THICKNESS (1st,2nd Generationo)	THICKNESS (3rd Generationo)	WEIGHT	Meters/20* FCL(21T)	Meters/40* FCL(26T)
426	0.41MM	0.50MM	2.45 KGS/Meters	8500	10600
476	0.46MM	0.55MM	2.85 KGS/Meters	7300	9100
526	0.51MM	0.60MM	3.22 KGS/Meters	6500	8000
576	0.56MM	0.65MM	3.65 KGS/Meters	5700	7100

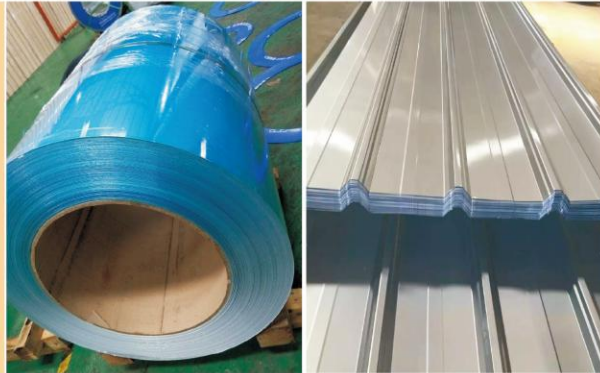


Professional R&D and testing

The professional R&D team of Foshan Smartroof International Company Limited is composed of two doctorates, more than ten bachelors and multi specialist professionals. They work hard on their respective posts to research technology and continuously detecting product effects.

Specialized production

Foshan Smartroof International Company Limited is adopting advanced production equipment, scientific management methods and experienced professional team, and we strictly control raw material procurement, production and quality



Perfect after-sale Service

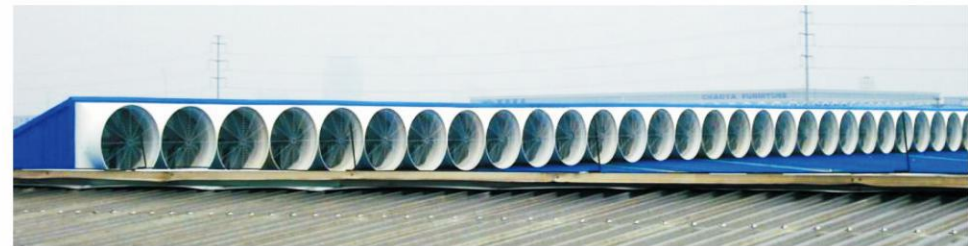
Foshan Smartroof International Company Limited has a Professional after-sales service team, rigorous style, rapid response, we sincerely create value for customers, achieve the win-win goal together with customer as corporate philosophy, and serve customers wholeheartedly



Heat Insulation

Traditional Cooling Methods

Previously, most plants used spraying water on the roof top and big cooling fan equipment to cooling down the tile. However, this method consumes a lot of energy, also the cooling effect is not ideal too, these inevitably increases the production cost. The high-temperature operating environment also causes a large amount of staff turnover. Increased the recruitment pressure.



Anti-corrosion

The anti-corrosion effect of ordinary color steel

Due to the strong corrosiveness of chemicals in chemical plants, the general color steel plates will show obvious traces of corrosion both inside and outside after 2-3 years. If not repaired for it, it will affect the building structure.



The anti-corrosion effect of Nano-Tec Tile

In same environment, Nano-Tec Tile has been used for three years, still like the new ones, can't see any traces of corrosion.



Strong acid 5 minute test



**Nano-Tec Tile
still in good condition**



**Ordinary color plates are
seriously corroded**

Principle of antiseptic

Upside is Nano-Tec Tile, the downside is the ordinary color plate. We poured corrosive liquid on both plates at the same time. Under the same conditions, the anti-corrosion effect of Nano-Tec Tile is better than ordinary color plate.

Nano-Tec Tile use of the latest microcrystalline technology(Dacromet paint+crystal protection)metal material to resist the surface activity of the surrounding medium corrosion damage, the process is complex, anti-corrosion properties are very good, so that the product is durable.

The microcrystalline technology protective layer--A microcrystalline is a crystal that is po by thousands of or tens of thousands of crystals per grain.The surface adsorption performance,surface activity,etc.are quite prominent to acid and alkali, strong protective effect.

Fireproof

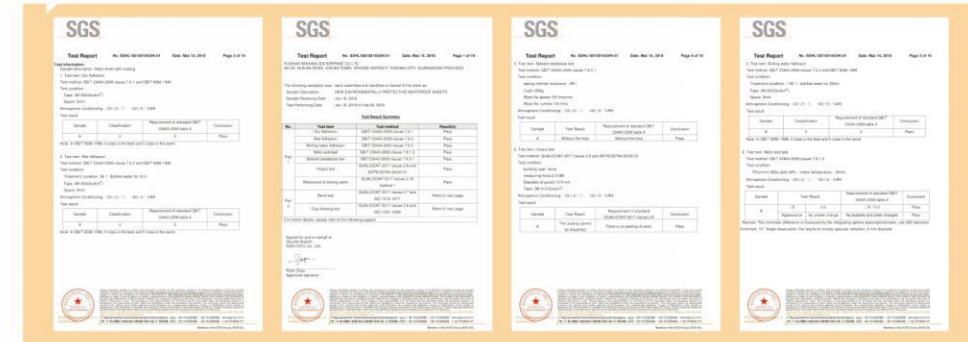
Shocking fire scene

The cause of the fire consists of two parts. One is the burning of combustibles. The other cause is the spread of fires and losses. Both of these factors together constitute a cause of fire and are indispensable. And the fire resistance of buildings material is directly affects the spreading speed of fires. It can be seen that the fire rating of building materials is directly related to the degree of fire damage and the degree of safety of personnel.



Visible security

Nano-Tec Tile is produced according to the GB8624-2006, GB/T5464 fireproof standard. Nano-scale magnesium hydroxide flame retardants and heat stabilizers are added to the coating. The incombustibility is above Class A1. (The following is a fire certificate)



Self-cleaning

Ordinary colored tiles and plastic tiles are not weatherproof

When the ordinary color steel lacquer coating under the irradiation of sunlight and ultraviolet rays, the surface is prone to appear large micropore protrusions, indicating that the lacquer layer molecules have undergone serious degradation reactions, resulting in fading, surface roughness and powder cracking.

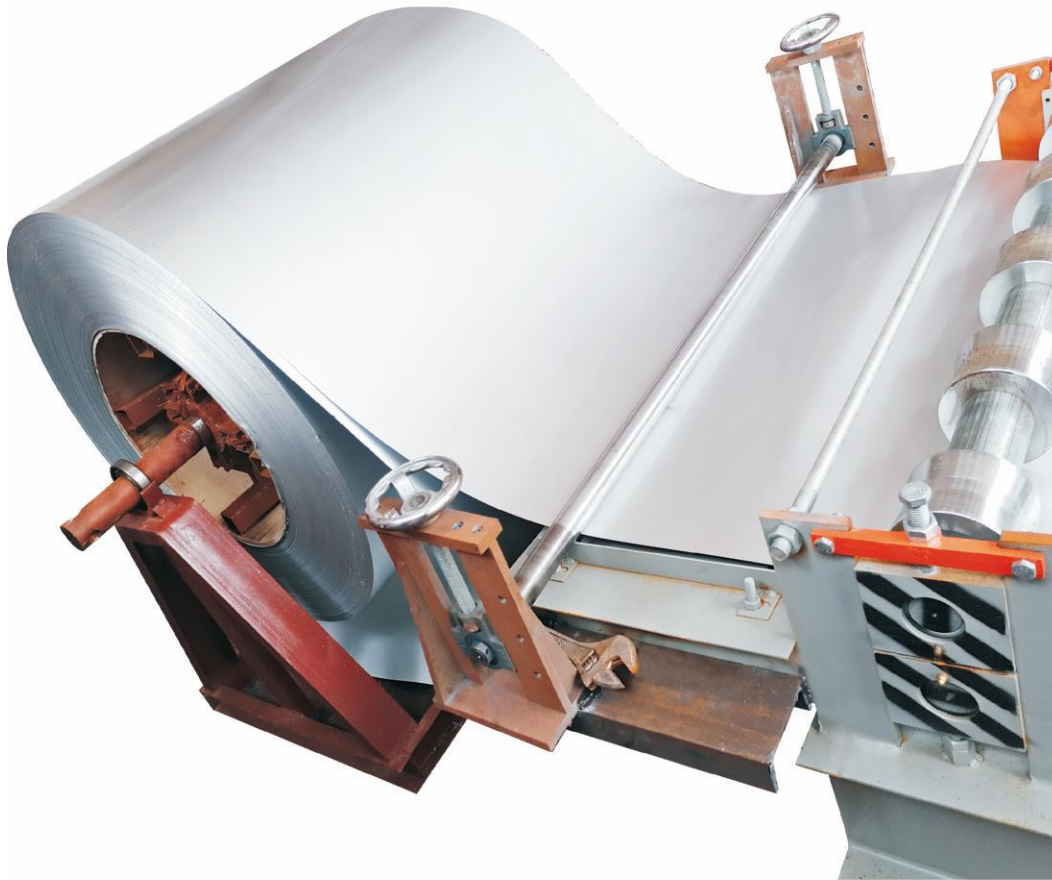
The plastic tiles have poor thermal insulation properties and are heat-conductive. Under ultraviolet irradiation, they are easily subject to aging and brittleness, cracking, and short service life.



The anti-static agent specially added on the surface of Nano-Tec Tile anti-aging film, increases the smoothness of the film surface, effectively reduces the friction coefficient, prevents the generation of electrostatic adsorption dust, thereby protecting the surface finish of the tile surface and greatly improving the weather resistance.

Easy Processing

The Nano-Tec Tiles product by Foshan Smartroof International Company Limited are high plasticity, to meet a variety of shapes, after many times bending, stamping and other tests have proved that with excellent technology to ensure that product modeling without film bubble, cracks and other phenomena appear to protect the product life.



Easy Transportation

Heavy plate transportation



50mm

Sandwich color steel plate thickness 50mm
5kg per square.
24ton truck(9.6m long x 2.4m wide x 3m high)
Can be installed on the sandwich board 880m²

Nano-Tec Tile are convenient for transportation

Nano-Tec tile are light and thin, flexible to transport, and the same transporter can carry larger area plates, thereby greatly reducing transportation costs and accelerating the progress of the project. It is the best choice for all types of construction projects.



Nano-Tec Tile are 1000-1500meters per roll
The thickness of each piece Nano-Tec Tile
is 0.5mm 3kg per square meter
24 ton truck (9.6m long x 2.4m wide x 3m high)
Can be loaded with 8000m² Nano-Tec Tile

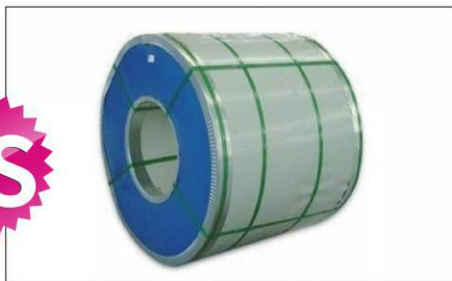
Nano-Tec Tile VS Other brand products

Nano-tec Tile



Nano-Tec Tile Clearly identifying wooden racks for safer transport

Other brand products



Other brand products without logo without wood frame

VS



The Roll surface of Nano-Tec Tile product is winding smooth



The winding process of other brand products is simple and rough.

VS



The surface of Nano-Tec Tile product is smooth



The surface of other brands products are rough, dull, and wrinkled

VS

Nano-Tec Tile VS Other brand products

Nano-tec Tile



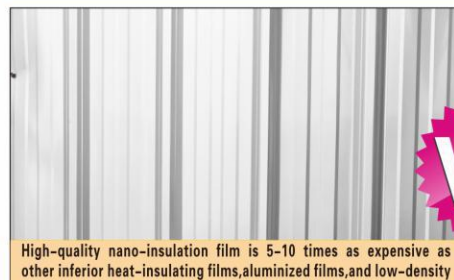
Equal time and environment Nano-tec Tile' s product use for after six months Still maintain the original color-Perfect VS

Other brand products



Equal time and environment, other brand products have been yellow after six months-inferior

VS

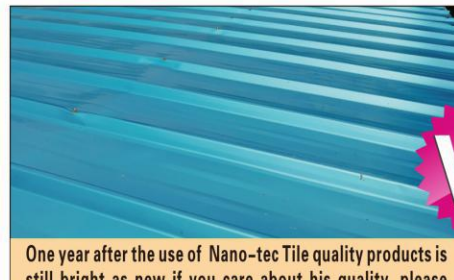


High-quality nano-insulation film is 5-10 times as expensive as other inferior heat-insulating films, aluminum films, and low-density aluminum films. The durability of high-quality nano-insulation films is more than 10 times that of theirs.



Low-quality low-quality insulation films, low-density aluminum films, and aluminum plating films can easily deteriorate.

VS



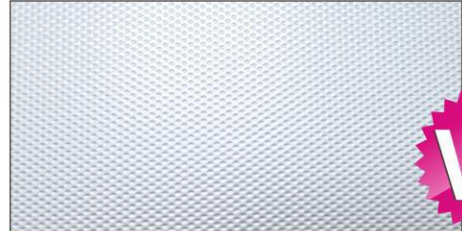
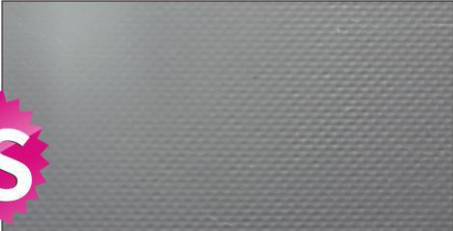




One year after the use of Nano-tec Tile quality products is still bright as new if you care about his quality, please respect his price.



Other brands' products have been delaminated after being used for one year. If you want the cheap price, please accept its defects.

VS

Nano-Tec Tile VS Other brand products

Nano-Tec Tile	Other brand products
 <p data-bbox="639 439 792 582">VS</p> <p data-bbox="231 586 690 672">Nano-Tec Tile use of new high-quality insulation film embossing process, texture is clearly visible</p>	 <p data-bbox="741 586 1192 672">Other brand products use poor quality insulation film products, surface is dull, texture is fuzzy, poor quality insulation film has begun to crack point</p>
 <p data-bbox="639 768 792 911">VS</p> <p data-bbox="231 915 690 996">The surface of Nano-Tec Tile products are smooth with silver light</p>	 <p data-bbox="741 915 1192 996">The surface of other brand products is not smooth, no gloss, and crack are clearly seen. Therefore, the produced heat insulation board is easily cracked after being molded and is not durable.</p>
 <p data-bbox="639 1092 792 1235">VS</p> <p data-bbox="231 1239 690 1325">Nano-Tec Tile's selection of high-quality insulation film, high standard production, durability, high temperature resistance 50% higher than its counterparts</p>	 <p data-bbox="741 1239 1192 1325">Other brand products use low-cost, low-quality insulation films have lots of problem after detecting by the effective exposure equipment.</p>

Nano-Tec Tile VS Other brand products

Nano-Tec Tile	Other brand products
 <p data-bbox="1747 439 1900 582">VS</p> <p data-bbox="1332 586 1798 672">To choose the right brand! Choose the right product!</p>	 <p data-bbox="1849 586 2293 672">Inferior brand products, quality problems occur in less than 1 year</p>
 <p data-bbox="1747 768 1900 911">VS</p> <p data-bbox="1332 915 1798 996">Before: You will reject his price After: You will recognize the importance of his quality</p>	 <p data-bbox="1849 915 2293 996">After 2 years, you will regret that you chose the wrong brand</p>
 <p data-bbox="1332 1006 1798 1325">12 Years Lifetime Guarantee</p>	

Now the market is like that, buyers want the cheap price, and sellers want profitable, so large quantities of low-quality products emerge. If you care about quality, please respect its price. If you want the cheap price, it's defects. cheap price and good quality is just a marketing tool. From ancient times to the present, you pay what you get, this is an eternal law.

Project Showcase



Project Showcase



Nano-Tec Tile have strong plasticity, so the product's shapes and colors are variability, wide range of applications are the preferred products for the insulation of various types of building walls and roofs.

