FACTORY DIRECT

STONE COLORED METAL ROOFING TILE



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STONE COATED METAL ROOF TILE

With leading production technology and equip.-ment, set research and development, produc-tionand sales of modern enterprises

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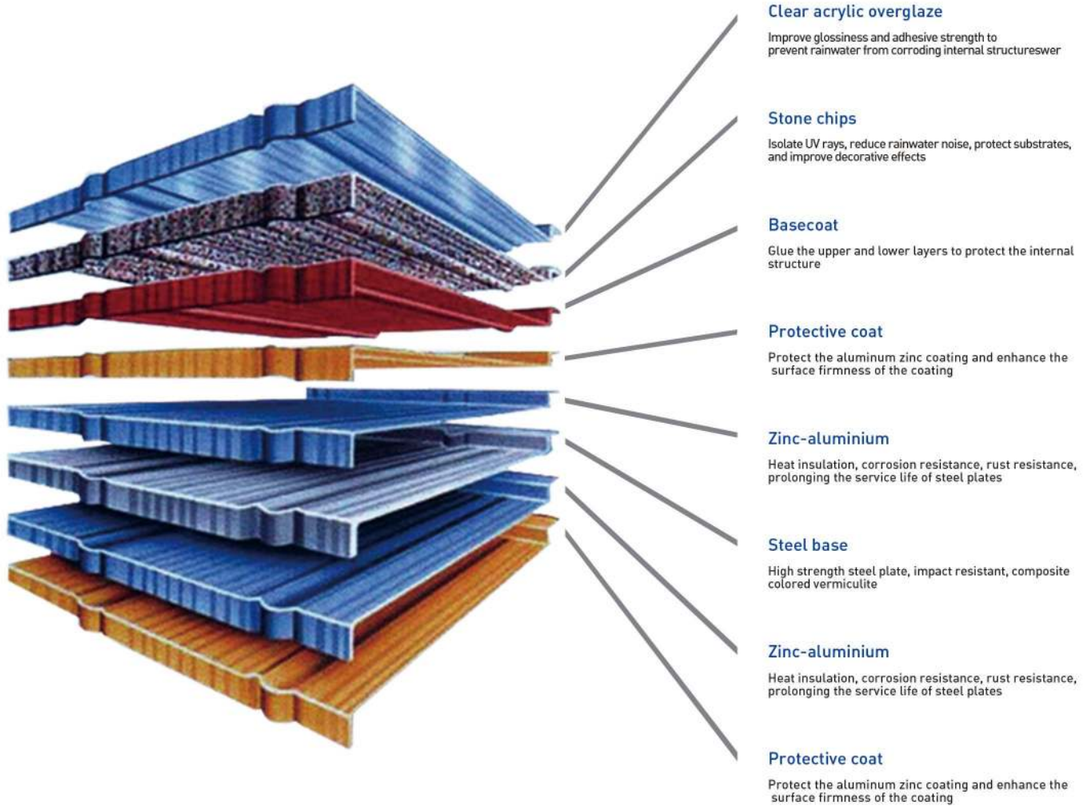
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STONE COLORED METAL ROOFING TILE

FACTORY SALE DIRECTLY CUSTOMIZATION ACCEPTABLE



Composed of Stone Colored Metal Roofing Tile



Colored stone metal tiles are a new type of advanced roofing material, produced using high-tech methods, with the texture and multiple colors of natural stone, which can beautify buildings. Due to its lightweight, durability, and environmental friendliness, colored stone metal tiles have become the mainstream product of international roofing materials.

Innovative sixth generation roofing tiles





First generation: Ceramic tile

Made by high-temperature firing, with high brittleness, fragility, and high maintenance costs.



Second generation: cement tile

Concrete tiles are prone to detachment, damage, leakage, low grade, and heavy weight.



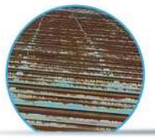
Third generation: resin tile

Not sun resistant, prone to aging, easy to damage, easy to fade, appears cheap, and has a short lifespan



Fourth generation: Asphalt tile

Low overall strength, no texture, easy to burn, strong odor, easy to age, and short lifespan



Fifth generation: Color steel tiles

No texture, easy to rust, poor sound insulation, flammable, poor wind resistance, easy to collapse and fall, poor safety, frequent renovation.



Sixth generation: Colored stone tile

Good weather resistance, durability, high aesthetics, economical and practical, lightweight and easy to install, noise reduction and heat insulation, fire and waterproof, green and environmentally friendly, anti-aging, long service life.

New type of roof - colored stone tiles

1

Anti cracking

Higher strength base material cold rolled steel, durable in extreme environments without cracking

2

Anti detachment

Innovative self-locking process system, with a level 15 strong wind and stability like a mountain

3

Prevent aging

Multi layer anti-aging design, good tiles have been used for many years as new.

4

Noise prevention

Natural colored sand particles on the surface for noise reduction and silence in rainy days

5

Hail prevention

Metal tiles have good impact resistance and can withstand harsh weather conditions.

6

Fireproof

A-grade non combustible fireproof material, escorting homes - stone colored metal rooting tiles.

Product features

1 Low cost

Metal tiles are lightweight, have a large area, are convenient to use, and greatly reduce logistics, handling, construction and other costs. Their superior operability and low construction costs will bring you amazing economic benefits. Generally, two workers in a residential building can complete the installation of metal tiles in 3-5 days.

2 Easy construction

Compared to traditional tiles, colored stone tiles are lighter in weight and easier to cut, thus reducing the weight burden of buildings and making them easier to construct. The scientific and reasonable design of colored stone tiles makes them suitable for various forms of buildings, especially for safe construction on steep roofs or high-rise buildings. They are truly high-tech roof materials.

3 Firmness

Colored stone metal tiles are made of aluminum zinc coated steel plates as the substrate, which have good impact resistance. Through self-locking design, horizontal nail installation, etc., the fit and adhesion are better, making the tiles firmly fixed on the roof. When an earthquake occurs, the colored stone tiles will not slip off.

4 Aesthetics

The surface of colored stone tiles is made of sintered colored sand, which, due to its diffuse reflection characteristics and rich colors, has a three-dimensional appearance and a stone like appearance. The shapes are flexible and diverse, and the decorative effect is very effective.

5 Reusable

Because colored stone tiles are lightweight and do not impose heavy pressure on buildings, as long as the tile strips are fixed properly, any roof can be repeatedly constructed on the original roof tiles, and they are energy-saving, environmentally friendly, and can be completely recycled and reused.

6 Fire resistance

Colored stone metal tiles are roof materials made of aluminum zinc coated steel plates and natural stones. They are non combustible materials with strong fire resistance, which can prevent the spread of fire and reduce losses caused by fires.

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7 Waterproofness

Compared to traditional tiles, colored stone tiles are lighter in weight and easier to cut, thus reducing the weight burden of buildings and making them easier to construct. The scientific and reasonable design of colored stone tiles makes them suitable for various forms of buildings, especially for safe construction on steep roofs or high-rise buildings. They are truly high-tech roof materials.

8 Wind resistance

Although colored stone metal tiles weigh only 1/6 of other traditional tiles, their design and construction techniques fully demonstrate the principle of storm resistance. After installation, colored stone metal tiles ensure the integrity of the roof and can withstand wind speeds of around 160km/h.

9 Seismic resistance

Earthquakes can cause significant property damage, mainly due to the structure of the roof and the weight of the tiles. Lightweight colored stone metal tiles can reduce the weight of the building structure, making them highly resistant to strong earthquakes. Colored stone tiles can resist strong cold, freezing, slipping and other phenomena, and are safe and reliable.

10 Insulation

The thermal conductivity of colored stone metal tiles is low, generally ranging from 0.047-0.07, and has good thermal insulation performance.



Product Introduction

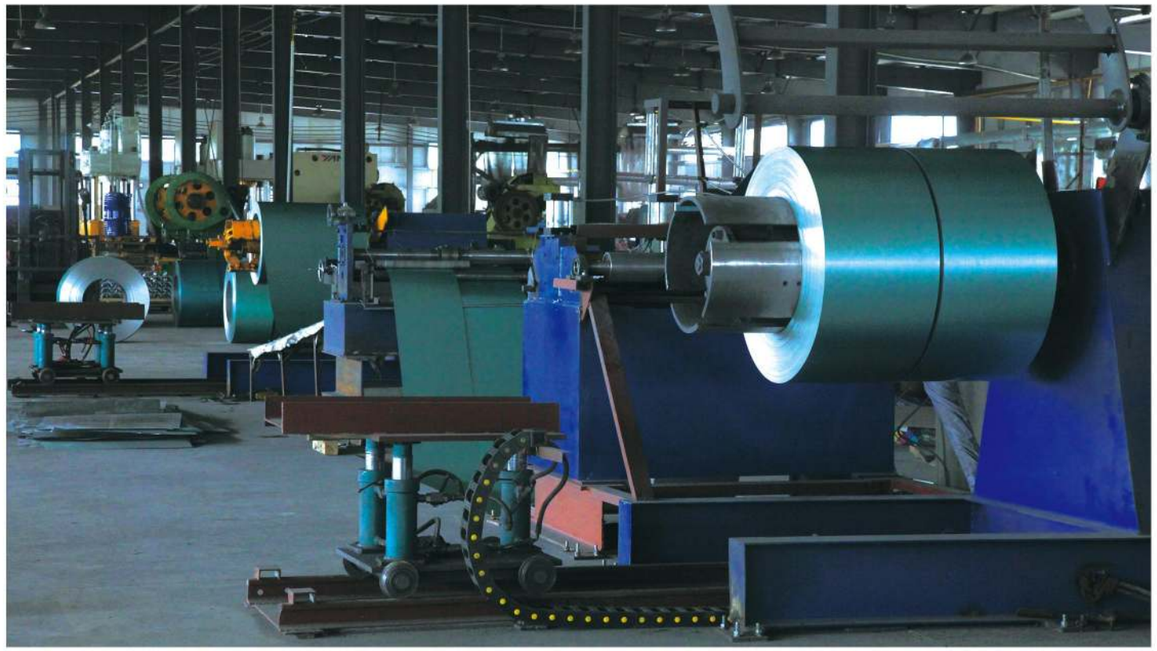


The new type of colored stone metal tile produced by Shandong Yahong New Material Technology Co., Ltd. is made of aluminum zinc plated sheet with excellent anti-corrosion performance, natural basalt particles as the substrate, and water-based acrylic resin as the adhesive. It is formed through molding, drying, firing and other processes to produce high-quality colored stone metal tiles. The main tile types include Bond Tile, Milan tile, Shingle tile, rainbow tile, Classical tile, wood grain tile, Roman tile, stone tile, Tudor tile, new Bond tile, etc., with 18 colors and rich colors. It is an ideal product for various contemporary roofing materials.

The surface of colored stone metal tiles is sintered colored sand, which is the decorative layer and base protective layer of colored stone tiles. It is made of basalt particles with a certain particle size through high-tech coloring technology and high-temperature sintering. It has the texture of natural stone and more than ten colors, which can withstand ultraviolet radiation and beautify buildings. In addition, the colored sand design on the surface of the colored stone metal tiles avoids the refraction phenomenon in the sunlight environment, and its noise reduction and isolation properties are relatively strong, which can reduce the noise caused by rainwater to the colored stone tiles. It is also acid resistant, alkali resistant, frost resistant, heat-resistant, flame-retardant, and so on.



产品简介
Product Introduction





Colored stone metal tiles are made of aluminum zinc coated steel plate as the base material. Aluminum zinc coated steel plate is made by hot-dip plating with a solution composed of 55% aluminum, 43.4% zinc, and 1.6% silicon. Its processability and coating properties are basically the same as galvanized steel plate. The normal service life of aluminum zinc coated steel plate is 2-6 times that of ordinary galvanized steel plate. The thermal reflectivity of aluminum zinc coated steel plate is relatively high, and it has a certain insulation effect. Aluminum zinc coated steel plates have excellent impact resistance. Through self-locking design and horizontal nail installation, the tiles are firmly fixed on the roof and can withstand harsh weather conditions such as severe cold, hail, storms, rain, snow, heat, earthquakes, and natural disasters. They will not crack, age, ignite or be lifted by the wind.

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The colored stone metal tile uses aluminum zinc coated steel plate as the substrate, which has extremely strong anti-corrosion performance. Aluminum zinc coated steel plate is a layer of aluminum zinc alloy coated on the surface of the steel plate, which not only improves the corrosion resistance of the steel plate, but also can resist the erosion of various chemical substances, ensuring that the tiles will not be damaged due to corrosion during long-term use.

Colored stone metal tiles, as a comprehensive and environmentally friendly high-tech new product, have significant advantages in anti-corrosion, waterproof, fireproof, cold resistant, wind resistant and other aspects. With the continuous improvement of people's requirements for building quality and environmental protection, colored stone metal tiles have become one of the mainstream products of modern roofing materials.

Bond Tile Classic style



Traditional tile shape,classic beauty





Product attributes

Type	Product parameters	Specifications
Bond Tile	Tile Size	1340mm * 420mm
	Installed Exposure	1290mm * 370mm
	Tiles per Sqm	2.08 pcs/㎡
	Installed Weight	2.0-3.0 kg/pcs

Milano Tile Hot sale



Rich in Spanish style, pure and rural mainstream beauty





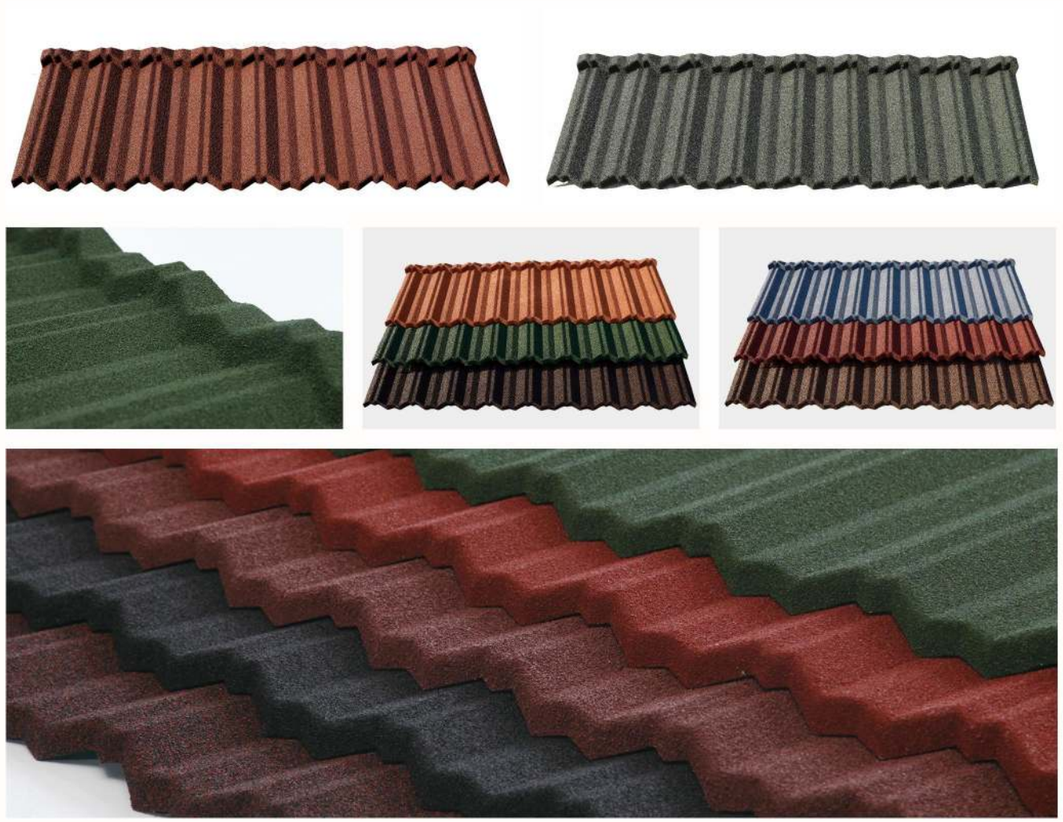
Product attributes

Type	Product parameters	Specifications
Milano Tile	Tile Size	1340mm * 420mm
	Installed Exposure	1290mm * 370mm
	Tiles per Sqm	2.08 pcs/㎡
	Installed Weight	2.0-3.0 kg/pcs

Classical Tile Hot sale



The lines are firm, highlighting the beauty of individual curves



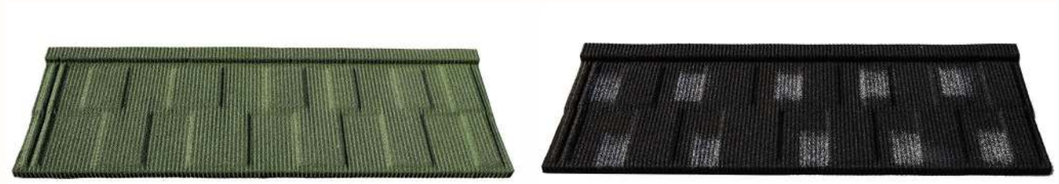
Product attributes

Type	Product parameters	Specifications
Classical Tile	Tile Size	1340mm * 420mm
	Installed Exposure	1290mm * 370mm
	Tiles per Sqm	2.08 pcs/㎡
	Installed Weight	2.0-3.0 kg/pcs

Shingle Tile Classic jump color design



The lines are firm, highlighting the beauty of individual curves





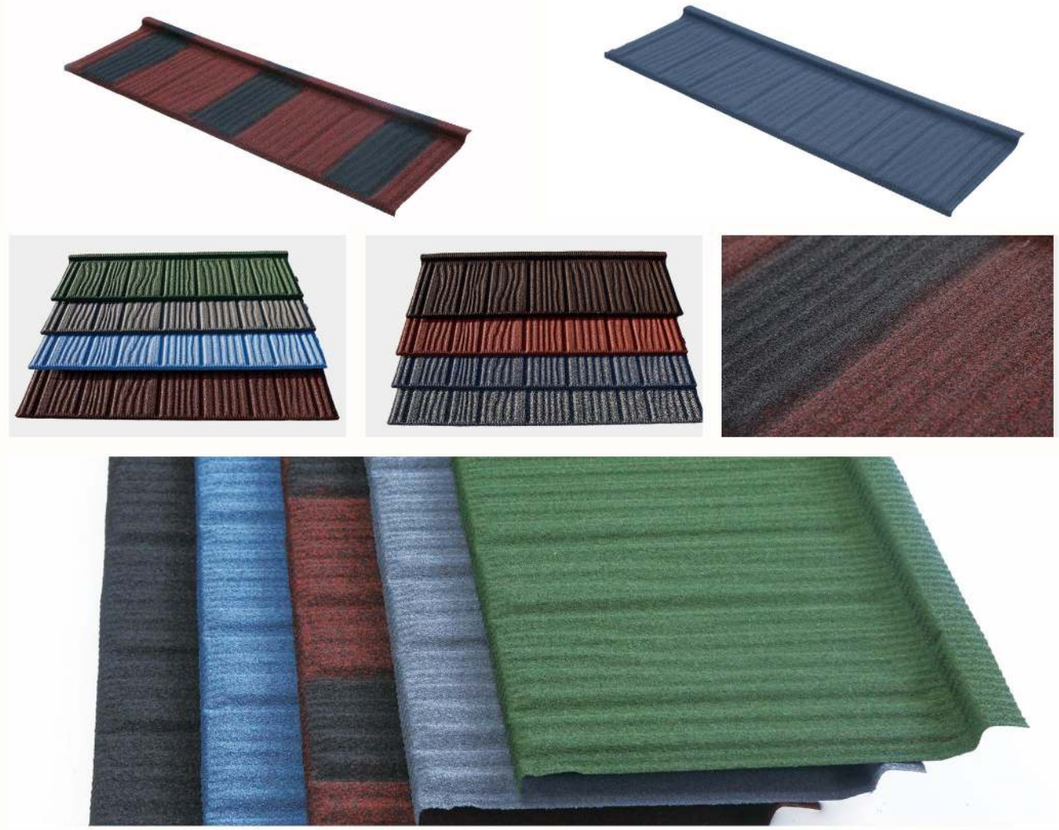
Product attributes

Type	Product parameters	Specifications
Shingle Tile	Tile Size	1340mm * 420mm
	Installed Exposure	1290mm * 370mm
	Tiles per Sqm	2.08 pcs/㎡
	Installed Weight	2.0-3.0 kg/pcs

Wood Tile Classic style



Simulated wood grain, perfect integration of architecture and nature



Product attributes

Type	Product parameters	Specifications
Wood Tile	Tile Size	1340mm * 420mm
	Installed Exposure	1290mm * 370mm
	Tiles per Sqm	2.08 pcs/㎡
	Installed Weight	2.0-3.0 kg/pcs

Rainbow Tile Elegant and Noble Style



Noble monarchs enjoy beauty with respect







Product attributes

Type	Product parameters	Specifications
Rainbow Tile	Tile Size	1340mm * 420mm
	Installed Exposure	1250mm * 370mm
	Tiles per Sqm	2.16 pcs/㎡
	Installed Weight	2.0-3.0 kg/pcs

Other tile types



Type	Product parameters	Specifications
Roman Tile	Tile Size	1340mm * 420mm
	Installed Exposure	1070mm * 370mm
	Tiles per Sqm	2.5 pcs/㎡
	Installed Weigh	2.0-3.0 kg/pcs



Type	Product parameters	Specifications
Stone Tile	Tile Size	1340mm * 420mm
	Installed Exposure	1290mm * 370mm
	Tiles per Sqm	2.08pcs/㎡
	Installed Weigh	2.0-3.0 kg/pcs



Type	Product parameters	Specifications
New Bond Tile	Tile Size	1340mm * 420mm
	Installed Exposure	1290mm * 370mm
	Tiles per Sqm	2.08 pcs/㎡
	Installed Weigh	2.0-3.0 kg/pcs



Type	Product parameters	Specifications
Tudor Tile	Tile Size	1340mm * 420mm
	Installed Exposure	1290mm * 370mm
	Tiles per Sqm	2.08pcs/㎡
	Installed Weigh	2.0-3.0 kg/pcs

Product color card



YH101
Red



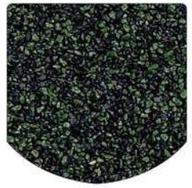
YH102
forst Green



YH103
Sky Blue



YH104
Black



YH105
Black Green



YH106
Blue Black



YH107
Black white



YH108
Coffee Brown



YH109
Coffee Black



YH110
Black Red



YH111
Brown Coffee



YH112
Black gray



YH113
Tiger Brown



YH114
Beige Red



YH115
Smoky Gray



YH116
Cement Gray

Installation tools



Bending machine



Shearing machine



shear



claw hammer



hand saw



electric hand drill



Rubber Hammer



vice



Flat nose pliers



Colored sand

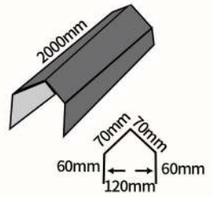


glue

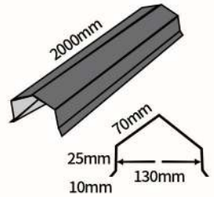


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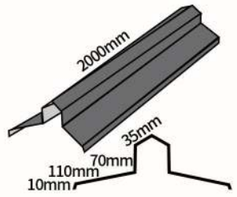
Accessory specifications



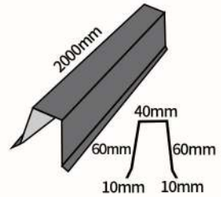
Angle Ridge I



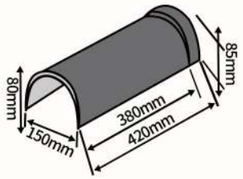
Angle Ridge II



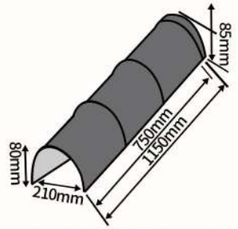
Big Angle Ridge



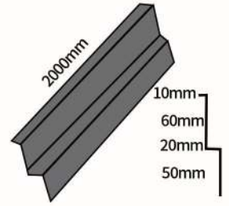
Square angular ridge



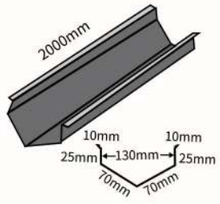
Circular spine tile



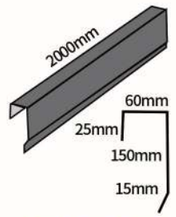
Conjoined arc-shaped ridge tile



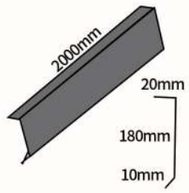
Side Flashing



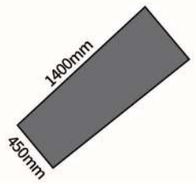
valey Tray



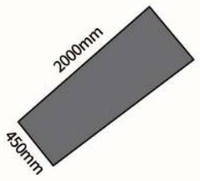
Box Barge Cover



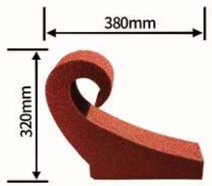
Facial Board



Flat Board



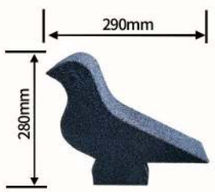
Big Flat Board



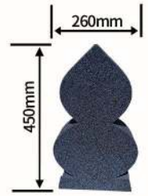
翘 脚



正 吻

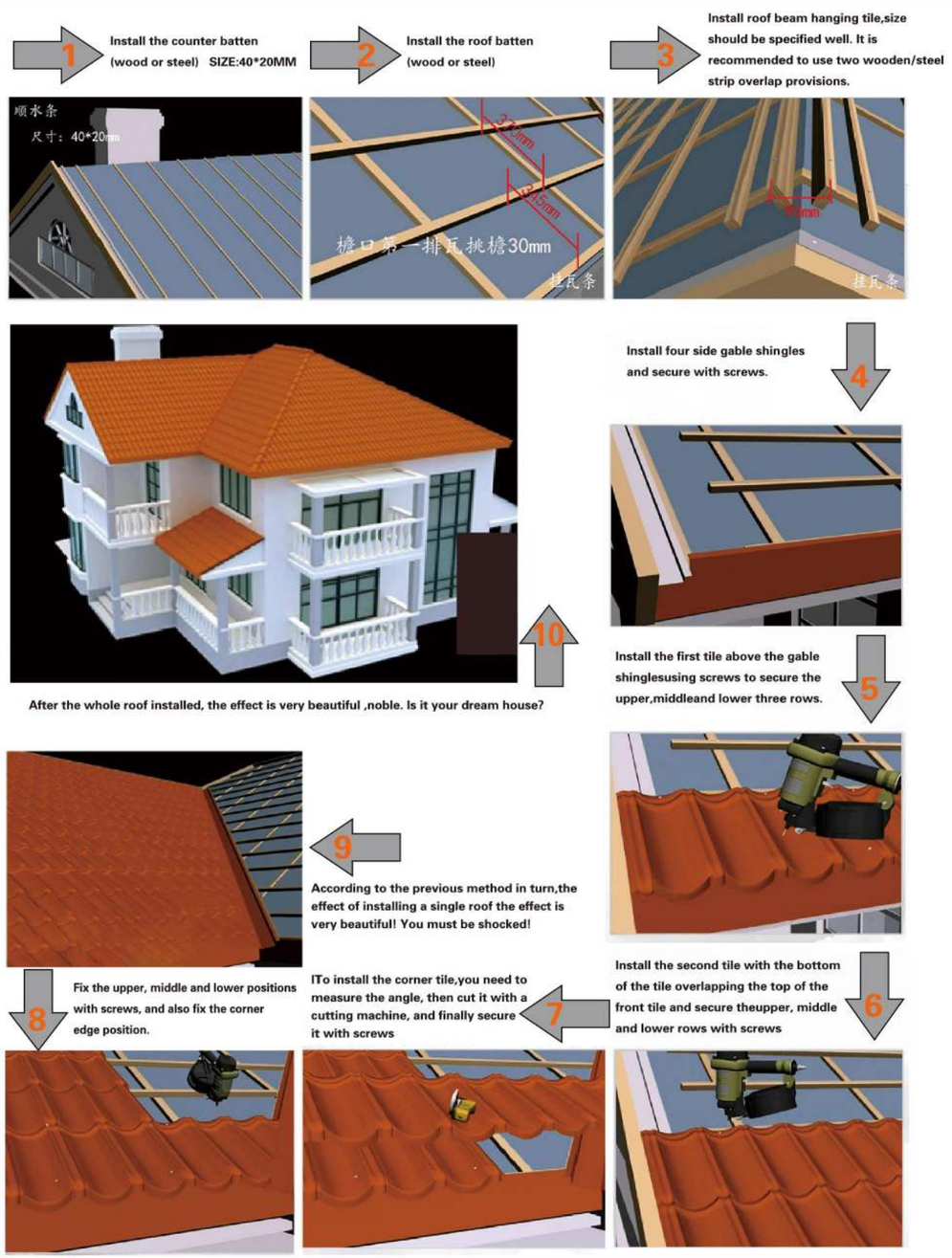


鸽 子

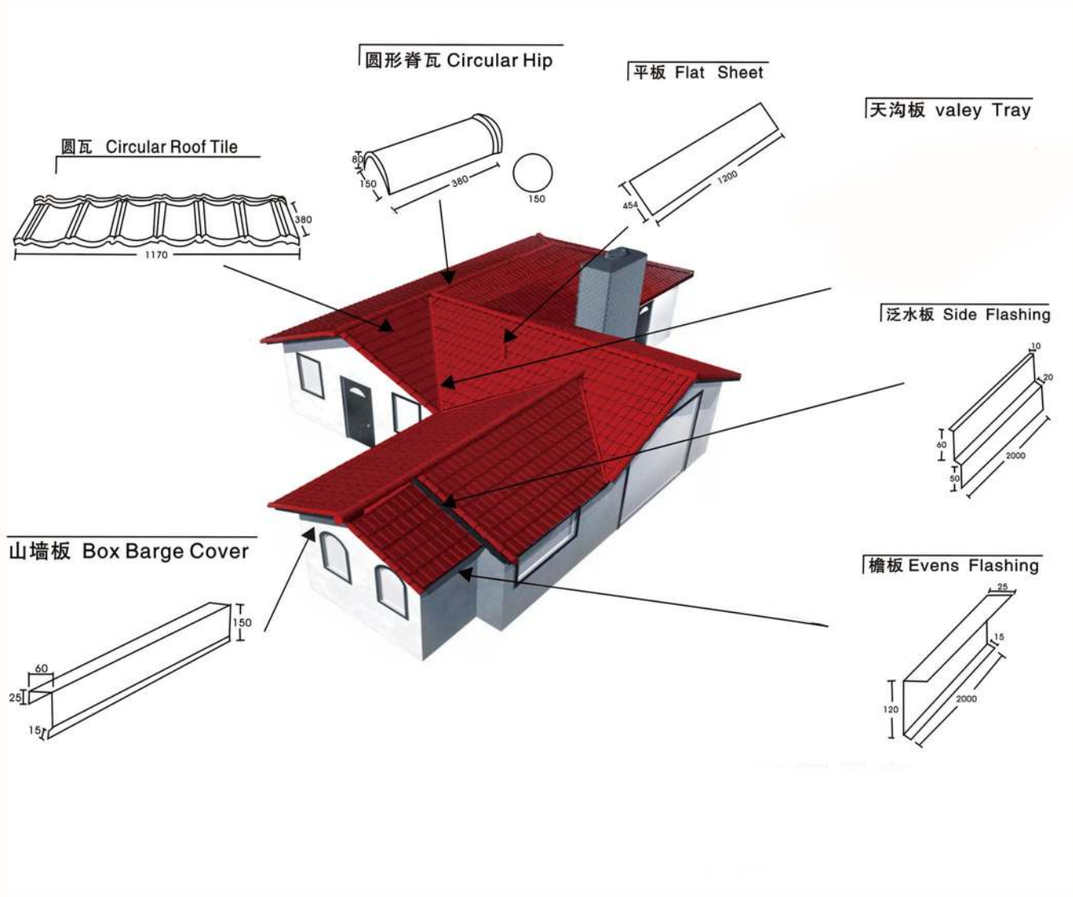


宝 鼎

Installation steps



Installation Tool



The paving steps of colored stone metal tiles:

(1) Install Drain Strips
(2) Slats For Fixing Tiles
(3) Valey Tray
(4) Facial Board
(5) Stone Colored Metal Roofing Tile
(6) Box Barge Cover
(7) Angle Ridge

适用场所

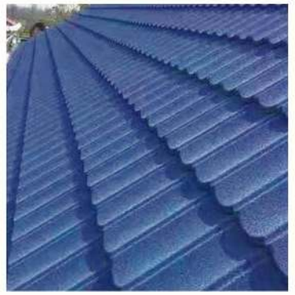
Colored stone tiles have multiple advantages, making them suitable for a wide range of applications, including wooden, steel, or concrete roofs. The following is a detailed description of the suitable locations for colored stone tiles:

Villas and Residential Buildings: Colored stone tiles are particularly suitable for roof construction in villas and residential buildings due to their beautiful appearance, easy installation, waterproof and corrosion-resistant properties. Colorful stone tiles with rich and diverse colors and tile designs can meet the needs of different architectural styles, making buildings more beautiful and elegant.

Commercial buildings: Colored stone tiles are widely used in commercial buildings, such









as hospitals, exhibition halls, campuses, office industrial parks, hotels, vacation commercial streets, etc. It can perfectly fit various geometries and irregular roofs, solving the problem of irregular structural buildings that are difficult to achieve with traditional materials

Public buildings: The fire and waterproof performance of colored stone tiles ensures their safe use in public buildings such as hospitals, clubs, schools, etc.

Special buildings and municipal engineering: The durability and aesthetics of colored stone tiles can also be fully utilized in special building projects and municipal engineering.

Flat to slope engineering and old roof renovation: For concrete, steel structure, and wooden structure roofs, colored stone tiles are a good choice. It does not have high requirements for the roof base layer, and the roof slope is greater than 15 degrees, so there is no need for secondary waterproofing, with low overall cost and fast installation speed.

Only focus on high quality and carefully manufacture every tile



Core concepts

With the concept of technology, innovation, and environmental protection

Building a Space for Human Future Development

Philosophy

Quality builds brand, integrity establishes great cause

service idea

With the concept of technology, innoRespect and understand customers

Continuously providing products and services that exceed customer expectations

Be the eternal partner of customers