



Asphalt Shingle

Hangzhou Singer Building Materials Co.,Ltd
www.sangobuild.com

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Company Introduction

Hangzhou Singer Building Materials Co.,Ltd is a professional factory for asphalt shingle in Hangzhou,China, which have done business more than **13 years**.

With the development of our company,we have **5 regular designs for asphalt shingle with more than 20 kinds of colors**. Many of our items sell to more than 20 countries,such as South of Korea,Indonesia,India,Philippines,Chile and so on.

We have two advanced production lines now and output could be **500,000 square meters each month**.We usually could finish the production within **10days** after receiving the deposit.



The advantage of asphalt shingle

1.Economic

The cost of asphalt shingle is lower than many other roofing tile.

2.Light weight and easy to install

The weight of asphalt shingle is much less weight compared with other roofing material,so it reduce the requirement for load-bearing support of roofing.

And the process of installment is easy,there are no special accessories are required and it easy to cut, fasten and fit.Asphalt shingles are considered the easiest roofing materials to install.

3.Wide application

Asphalt shingle could use for more wide-angle roofing slope than other roofing material,it could be used for 15°-90° roofing slope.It also could be used in any shape of the roofing and there are many colors could for choice.

4.Noise reduction and heat insulation

The stone chips could reduce the noise when raining or hailing,it also could insulate from heat when expose to extremely UV and keep warm in Winter.

Product Structure

Sangobuild Asphalt Shingle use fiberglass mat as the base, covered by asphalt saturants, natural colored stone chips and quartz anti-slip sand etc.

We mainly use **95g or 110g** reinforced fiberglass covering thickness 2.5mm of modified bitumen, coated with quartz anti-slip sand on the lower surface and coloured mineral granules on the upper surface.

The warranty of Sangobuild Asphalt Shingle could be **30 years**.

◎ Adhesive Self-Pastern With Hot Melt

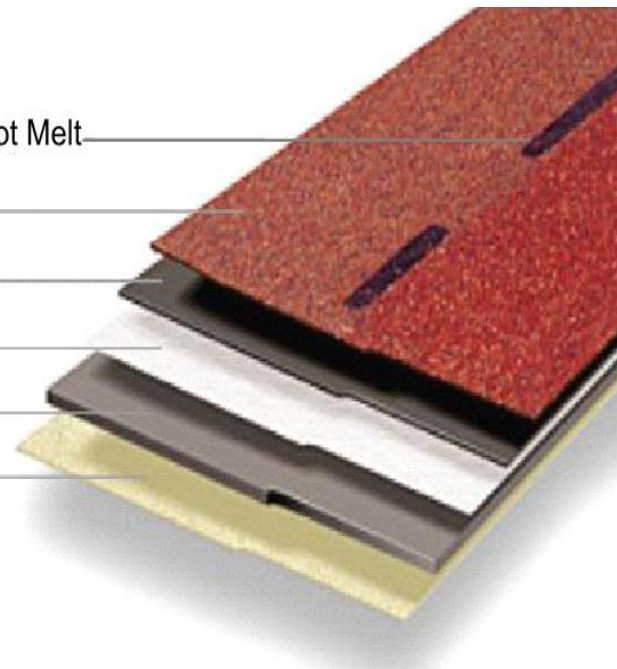
◎ Mineral Surface Granules

◎ Weathering-Grade Asphalt

◎ Glass Fiber Mat

◎ Weathering-Grade Asphalt

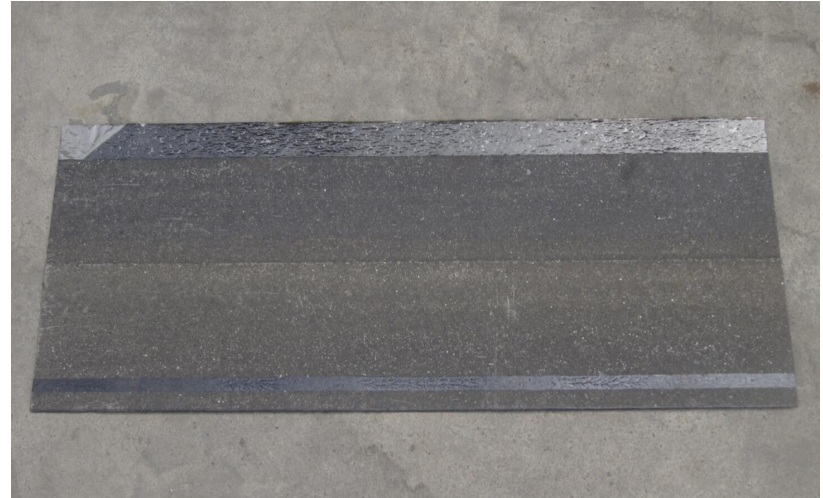
◎ Quartz Anti-Slip Sand



Adhesive Self-Pastern with Hot Melt

There is a self adhesive tape in the back of shingle, after the laying in the roof, self adhesive tape can be activated under the sun exposure, resulting in viscous, which makes the asphalt shingle bonding together.

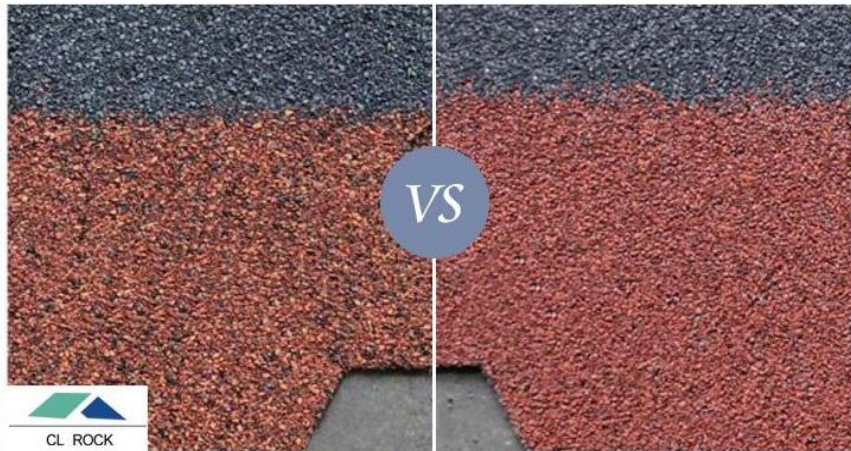
Note:the asphalt shingle usually need to be installed when the temperature is up to 5°C.



Mineral Surface Granules

Sangobuild asphalt shingles are covered with CARLAC(CL) natural stone chips which be taken from quarries in French.CL granula have excellent performance for UV resistance and anti-aging,fire resistance and break heat conduction.It could guarantee **100% fadeless**.

Furthermore,CL stone chip is **anti-algae**.



*French CL Sand With 800
Degree High Temperature
Colored Never fade*

*Domestic Stained Sand
One Or Two Years
Will Fade And Drop*



Fiberglass Mat

Glass fiber reinforcement: Strengthen of the carrier to a more solid quality, and strengthen the capacity of anti-aging. Sangobuild have two quality of fiberglass mat could be chose: **95g/m²** or **110g/m²**.

It plays the role of a carrier in the production of asphalt shingle technology, it makes the product not only has excellent waterproof performance, but also keeps waterproof performance even the shingle surface was broken. It can make the product bear the vibration caused in production, transportation, construction and use.



Weathering-Grade Modified Asphalt Coating

Sangobuild Asphalt Shingle use of modified asphalt, large extension and strong bonding, higher intake for filler, will bond all the materials together.

Which makes asphalt shingle resist wind and rain erosion for long time and keep product performance in cold and hot weather, and play a role in moisture resistance oxidation.



Quartz Anti-Slip Sand

It is usually limestone, it can enhance the fire performance of products.

Furthermore, it also could avoid two pieces asphalt shingle stick with each other when packing.





Design&Project

- ① 3-Tab Plane Standard Shingle**
- ② Laminated Standard Shingle**
- ③ Mosaic Standard Shingle**
- ④ Goethe Standard Shingle**
- ⑤ Fish Scale Standard Shingle**

Product Specification

Length	1000mm(± 3 mm)
Width	333mm(± 3 mm)
Thickness	2.6mm,5.2mm(± 0.1 mm)
Weight	22, 27kgs/bundle(± 1 kg)
Temperature Range	-45 degrees-90 degrees
Tensile Strength(Longitudinal)	≥ 530
Tensile Strength(Transversal)(N/50mm)	≥ 550
Heat Resistance	No flow, slide, drippage and bubble(90 degrees)
Flexibility	No crack being bent for 10 degrees
Nail Resistance	78N
Resist To Tearing	> 100 N
Weather Exposure	145mm
Wind Resistance	130km/h
Warranty	30 years

3-Tab Asphalt Shingle



Product Specification

Product Name	3-Tab Asphalt Shingle
Length	1000(± 3 mm)
Width	333(± 3 mm)
Thickness	2.6mm(± 0.1 mm)
Weight /Bundle	27 \pm 1kg
Packing	21pcs/bundle, 3.1 sqm/bundle
Shingle/sqm	6.77pcs
Qty/20GP	2790m ² /900bundles

Laminated Standard Shingle



Product Specification

Product Name	Laminated Standard Shingle
Length	1000(± 3 mm)
Width	333(± 3 mm)
Thickness	5.2mm(± 0.1 mm)
Weight /Bundle	27 ± 1 kg
Packing	16pcs/bundle, 2.32 sqm/bundle
Shingle/sqm	6.90pcs
Qty/20GP	2088m ² /900bundles

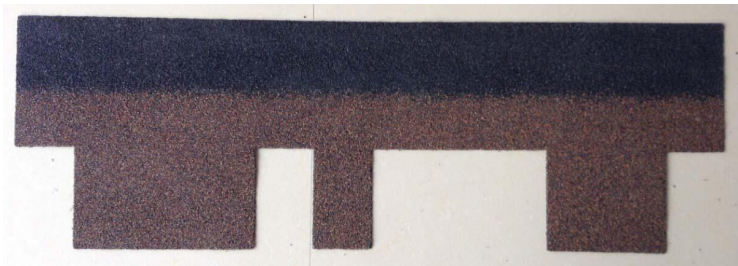
Mosaic Standard Shingle



Product Specification

Product Name	Mosaic Standard Shingle
Length	1000(± 3 mm)
Width	320(± 3 mm)
Thickness	2.6mm(± 0.1 mm)
Weight /Bundle	22 ± 1 kg
Packing	21pcs/bundle, 3.0sqm/bundle
Shingle/sqm	7pcs
Qty/20GP	3465m ² /1155bundles

Goethe Standard Shingle



Product Specification

Product Name	Goethe Standard Shingle
Length	1000(± 3 mm)
Width	320(± 3 mm)
Thickness	2.6mm(± 0.1 mm)
Weight /Bundle	22 \pm 1kg
Packing	21pcs/bundle, 3.0sqm/bundle
Shingle/sqm	7pcs
Qty/20GP/20GP	3465m ² /1155bundles

Fish Scale Standard Shingle



Product Specification

Product Name	Fish Scale Standard Shingle
Length	1000(± 3 mm)
Width	333(± 3 mm)
Thickness	2.6mm(± 0.1 mm)
Weight /Bundle	27 \pm 1kg
Packing	21pcs/bundle, 3.1sqm/bundle
Shingle/sqm	6.77pcs
Qty/20GP	2790m ² /900bundles

Accessories



Waterproof Roofing Felt



Ridge Tile

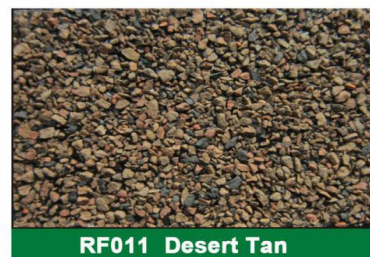
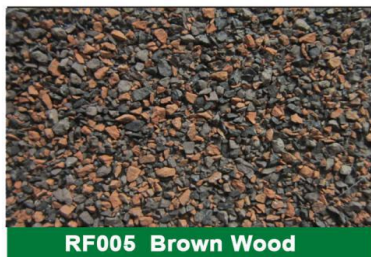
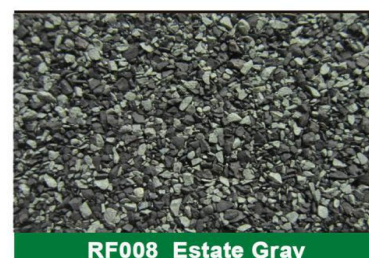
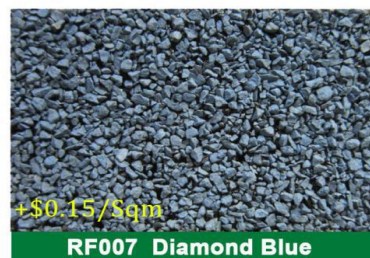
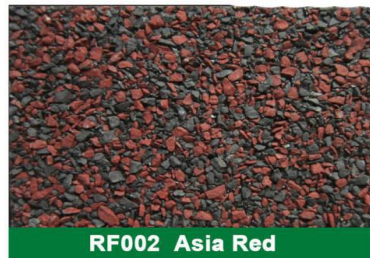
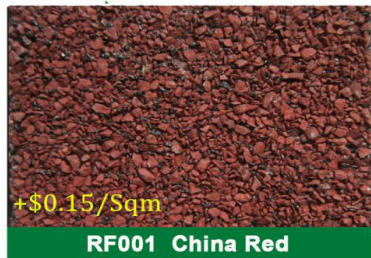


Polymer PP/PE Waterproof Membrane

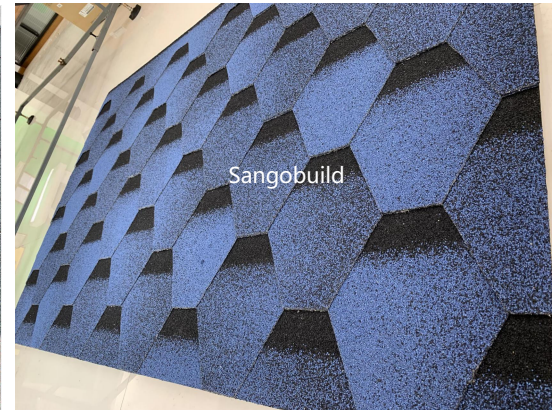
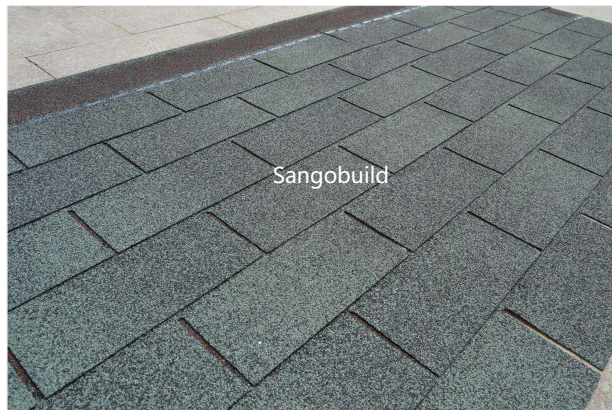


Special Steel Nail

Color Chart



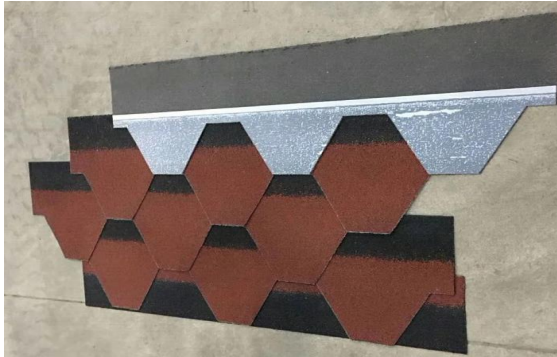
Shade Color Shingle Sample



New Product-Full Adhesive Asphalt Shingle

In consideration of there are some countries which often have strong wind,so we develop the new product-full adhesive asphalt shingle for improving wind resistance.

The wind resistance could be **160Km/h**.



Mosaic Type



3-tab Type

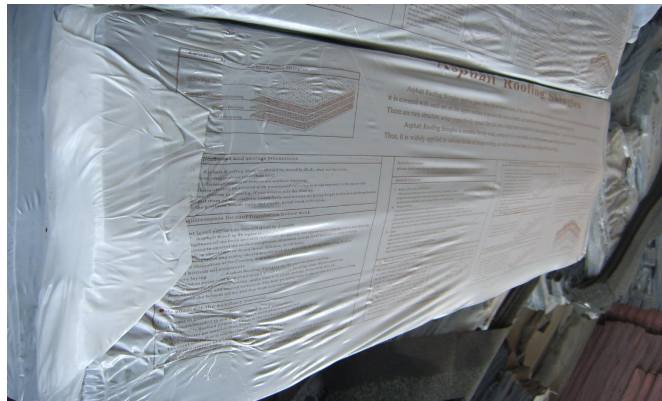


Gotho Type

Packing



Transparent Packing



English Packing



Loading



Why Choose Us

1. Good Quality

Sangobuild use CARLAC(CL) natural stone chips from French to cover the asphalt shingle, it is anti-algae and no color fading. The fiberglass is **95g/m² or 110g/m²** which let asphalt shingle be stronger. The warranty could be **30 years**.

2. Fast Shipment

Sangobuild have two advanced automatic production line and the output could be **520,000 square meters** per month. We usually finish the production within **7 days** after receiving the deposit.

3. Professional Service

Sangobuild export the asphalt shingle to more than 20 countries for 13 years and could arrange the shipment and document perfectly to save the cost. And we also could apply the certificate as per your requirement.

4.Factory

Sangobuild is the factory for asphalt shingle,if you purchase the goods from us directly,you could get the cheaper price than purchase from trading company.And we also could control the quality.**Our factory is in Hangzhou,China.**Welcome to visit our factory in any time.

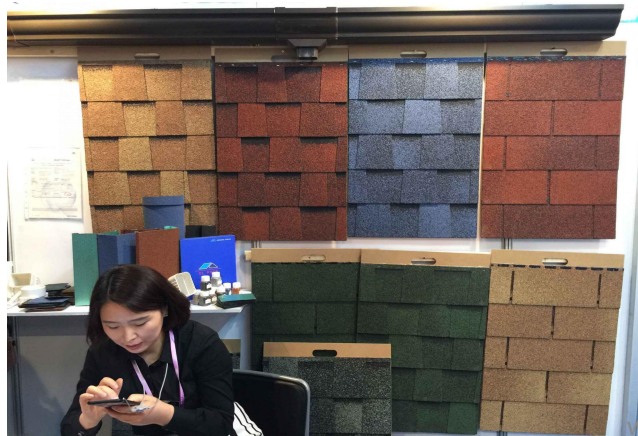
5.Responsibility

Sangobuild is a reliable and honest enterprise.We prefer long term business,not one time business.So if you face any problem because of our quality,please take the picture and video,inform us the details and quantity,we will be 100% responsible for our goods.And will give you feedback within 24 hours.

6.Technology

We could provide the professional selling proposition for different country and technical guidance for installment.If necessary,we will dispatch installment technician to construction site.

Trade Fair&Visiting



FAQ

Q: Why the temperature should be up to 5°C when install asphalt shingle?

A: The viscosity of adhesive tape(asphalt mastic) is affected by temperature.It will increase after install asphalt shingle on the roof and exposed on the sunshine with the temperature increase.If the temperature is below 5°C,the viscosity could not increase and the shingle could not stick on the roof very well.

Q: Is there any requirement for the roof when install asphalt shingle?

A: It is better that the angle of roof is more than **15 degree**.If the angle is below 15 degree,the asphalt shingle may arch up.Furthermore,please try to avoid to install the asphalt shingle in gale.Furthermore,the up and down shingles should be staggered.

Q: How many years warranty?

A: The warranty of Sangobuild asphalt shingle are normally **20-30 years**.

Q: Does the color fade?

A: The color of Sangobuild asphalt shingle will not fade. We use **CARLAC(CL)** natural stone chips which is from French and it also supply the stone chips to the factory for asphalt shingle in South of Korea and USA. The granula have excellent performance for weather resistance and against the extreme UV.

Q: The asphalt shingle is self adhesive, why it still need the nail to fix it?

A: Because the viscosity of adhesive tape just increase when it reach suitable temperature, so it need to use the nail to fix it on the roof first, after it is exposed on the sunshine and the temperature increase, the asphalt shingle could stick with roof very well.

Q: Is necessary to install the waterproof membrane before install shingle?

A: Yes, it must install the waterproof membrane before install asphalt shingle, we have **self adhesive waterproof membrane** and **polymer PP/PE waterproof membrane** could be choosed.



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