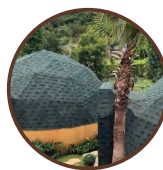




ROOFING SYSTEMS

Quick Product Selection Guide



[Profiles](#) | [Specifications](#) | [Colors](#) | [Accessories](#)



CAILIN Roofing System

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STONE COATED METAL ROOFING

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BUTYL TAPE



COMPANY INTRODUCTION

ABOUT CAILIN



We are CAILIN. For over 20 years, we have focused on one thing: making roofs that last.

Today, we operate multiple production bases across China – including Hangzhou, Sichuan, Shandong, and Hebei – with seven facilities in total. We manufacture stone coated metal roofing, asphalt shingles, BIPV solar tiles, rain gutter systems, and butyl tape for partners in more than 70 countries, from the hurricane zones of the Caribbean to the tropical rains of Southeast Asia.

We are a factory, not a trading company. That means consistent quality, direct prices, and real answers to your questions. Every tile comes from our own production lines under our own quality control. Our facilities are certified to ISO 9001, ISO 14001, and ISO 45001 – because we take quality, environment, and occupational safety seriously.

Why do global distributors, contractors, and developers choose us? Because we deliver: reliable products, fast lead times, and a team that understands your market.

Let's build something lasting together. CAILIN.

WWW.CAILINROOFING.COM



STONE COATED METAL ROOFING

Quick Selection Guide



Stone Coated Metal Roofing

The Smart Choice for Durable, Beautiful & Sustainable Roofs

CAILIN Stone coated metal roofing is a high performance roofing material made from AZ150 galvalume steel as the base, coated with a high temperature sintered stone granule surface and bonded with acrylic resin. It combines the traditional aesthetic of clay or slate tiles with the strength, light weight, and durability of steel. The tiles are designed to overlap and interlock, forming a horizontal fixing system that delivers exceptional weather resistance.



FIRE RESISTANT



RESISTANT TO ALGAR



WIND RESISTANCE



WITHSTAND EARTHQUAKE



RECYCLABLE



waterproof



EASY INSTALLATION

Why Choose Stone Coated Metal Roofing?

CAILIN BIPV (Building-Integrated Photovoltaics) solar roof tiles are not solar panels added on top of a roof – they are the roof itself. Each tile integrates high efficiency monocrystalline silicon cells into a durable, weatherproof roofing material. Installed just like traditional roof tiles, they replace conventional roofing while generating clean electricity. One product. One installation. Two essential functions: weather protection and solar power.

• Hurricane Proof & Wind Resistant

Designed with an interlocking stone coated metal roof tiles system and concealed fastener metal roofing technology, our tiles withstand winds up to 160 km/h – ideal for coastal hurricane zones.

• Lightweight Yet Strong

At only 1/6 the weight of concrete or clay tiles, this lightweight roof tile alternative reduces structural load, cuts installation costs, and is perfect for reroofing with stone coated steel roofing over existing roofs.

• Fire & Corrosion Resistant

Made from premium galvalume steel with multiple protective layers, then coated with stone chips and attached to the steel with an acrylic film. our roofing is corrosion resistant for coastal areas and fire resistant (tested to meet Class A performance).

• Energy Saving & Eco Friendly

Our eco-friendly energy saving roofing materials reflect solar heat, keeping homes cooler in summer and lowering energy bills. The stone coating also provides excellent noise reduction – no more drumming rain/hail sounds.

• 50+ Year Durability & Low Maintenance

With a service life exceeding 50 years, stone coated steel roofing requires minimal upkeep. It resists algae, UV fading, and thermal cycling, ensuring your roof looks great for decades.

Applications

Villa & residential homes

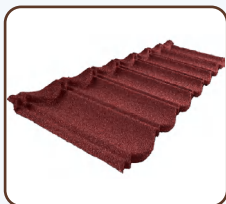
Coastal buildings (anti corrosion)

Pitched roof- slopes from 12° to 90° .

Retrofit projects – can be installed directly over old tiles.

BOND TILE

Tile Size	1340x420mm
Effective Size	1290x370mm
Steel thickness	0.35mm,0.40mm,0.45mm, 0.50mm,0.55mm
Weight	2.35-3.50kgs/pc
Coverage Area	0.48sq.m./pc
Number of elements	2.08pcs



SHINGLE TILE



Tile Size	1340x420mm
Effective Size	1290x370mm
Steel thickness	0.35mm,0.40mm,0.45mm, 0.50mm,0.55mm
Weight	2.35-3.50kgs/pc
Coverage Area	0.48sq.m./pc
Number of elements	2.08pcs



MILANO TILE

Tile Size	1340x420mm
Effective Size	1250x370mm
Steel thickness	0.35mm,0.40mm,0.45mm, 0.50mm,0.55mm
Weight	2.35-3.50kgs/pc
Coverage Area	0.46sq.m./pc
Number of elements	2.16pcs



SHAKE TILE



Tile Size	1340x420mm
Effective Size	1290x370mm
Steel thickness	0.35mm,0.40mm,0.45mm, 0.50mm,0.55mm
Weight	2.35-3.50kgs/pc
Coverage Area	0.48sq.m./pc
Number of elements	2.08pcs



Shingle Plus- Interlock Design

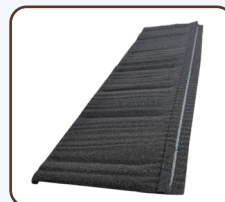
Tile Size	1340x420mm
Effective Size	1270x365mm
Steel thickness	0.35mm,0.40mm,0.45mm, 0.50mm,0.55mm
Weight	3-3.5kgs/pc
Coverage Area	0.463sq.m./pc
Number of elements	2.16pcs



Shake Pro - Interlock Design



Tile Size	1340x420mm
Effective Size	1290x370mm
Steel thickness	0.35mm,0.40mm,0.45mm, 0.50mm,0.55mm
Weight	2.35-3.50kgs/pc
Coverage Area	0.48sq.m./pc
Number of elements	2.08pcs



CLASSICAL TILE

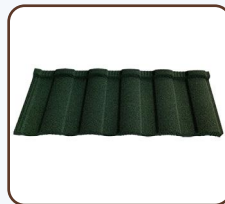
Tile Size	1340x420mm
Effective Size	1290x370mm
Steel thickness	0.35mm,0.40mm,0.45mm, 0.50mm,0.55mm
Weight	2.35-3.50kgs/pc
Coverage Area	0.48sq.m./pc
Number of elements	2.08pcs



ROMAN TILE



Tile Size	1300x420mm
Effective Size	1250x370mm
Steel thickness	0.35mm,0.40mm,0.45mm, 0.50mm,0.55mm
Weight	2.35-3.50kgs/pc
Coverage Area	0.46sq.m./pc
Number of elements	2.16pcs



LONG SPAN CORRUGATE TILE

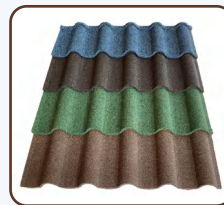
Tile Size	910x2340mm
Effective Size	840x2270mm
Steel thickness	0.23mm, 0.25mm, 0.3mm, 0.35mm, 0.4mm, 0.45mm, 0.5mm
Weight	10.5±0.5 kg/pc
Coverage Area	1.91sq.m./pc
Number of elements	



GOLAN TILE



Tile Size	1340x420mm
Effective Size	1290x370mm
Steel thickness	0.35mm, 0.40mm, 0.45mm, 0.50mm, 0.55mm
Weight	2.35-3.50kgs/pc
Coverage Area	0.48sq.m./pc
Number of elements	2.08pcs



TUDOR TILE

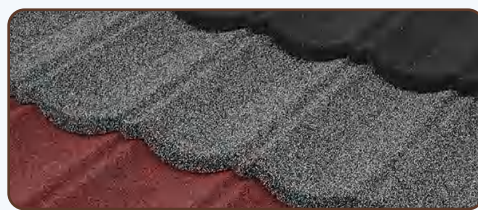
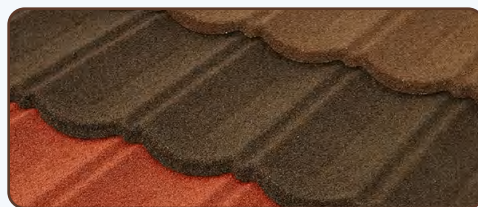
Tile Size	1340x420mm
Effective Size	1290x370mm
Steel thickness	0.35mm,0.40mm,0.45mm, 0.50mm,0.55mm
Weight	2.35-3.50kgs/pc
Coverage Area	0.48sq.m./pc
Number of elements	2.08pcs



HERITAGE TILE



Tile Size	1340x420mm
Effective Size	1290x370mm
Steel thickness	0.35mm,0.40mm,0.45mm, 0.50mm,0.55mm
Weight	2.35-3.50kgs/pc
Coverage Area	0.48sq.m./pc
Number of elements	2.08pcs





BIPV SOLAR ROOF TILE





BIPV Solar Roof Tiles

One Roof. Two Functions. One Expert.

What Are BIPV Solar Roof Tiles?

CAILIN BIPV (Building-Integrated Photovoltaics) solar roof tiles are not solar panels added on top of a roof – they are the roof itself. Each tile integrates high efficiency monocrystalline silicon cells into a durable, weatherproof roofing material. Installed just like traditional roof tiles, they replace conventional roofing while generating clean electricity. One product. One installation. Two essential functions: weather protection and solar power.



Class A fire protection
Flexible crystal silicon double glass



Innovation structure
Easy to install and windproof



Heat insulation
Newly upgraded airflow system



Double waterproof
Stronger sealing performance

Applications

New villas & luxury homes

Full roof replacements (reroofing)

Commercial buildings & resorts meet green energy targets while maintaining architectural harmony

Pitched roofs – 12° to 90° , works on almost any slope

Sustainable / net zero projects



FIRE RESISTANT



RESISTANT TO ALGAR



WIND RESISTANCE



RECYCLABLE



waterproof



EASY INSTALLATION

We don't just put solar on your roof. We make every inch work – BIPV for power, stone coated metal roofing for perfect fit.

Why Choose CAILIN BIPV Solar Roof Tiles?

Roof + Solar – Truly Integrated, Not Added On

Unlike conventional solar (BAPV) which mounts panels onto racks above a finished roof, CAILIN BIPV tiles sit flush with the roof surface. No bulky frames. No extra roof penetrations. No compromise on aesthetics. Your roof looks like a roof – but generates energy like a power plant.

Complete the Roof with CAILIN Tiles as Infill

BIPV tiles are fixed in size and cannot be cut on site. To achieve a full, weather tight roof coverage, CAILIN stone coated metal roofing polymer roof tiles serve as the perfect infill solution. They match the BIPV tiles in thickness, interlocking profile, and concealed fastener system – and can be easily matched to size for edges, valleys, ridges, and irregular areas. Use BIPV tiles for the main solar field, and stone coated metal tiles polymer roof tiles as complementing infill where BIPV doesn't fit. No gaps. No leaks. A completely unified roof.

We Know Roofing. We Know Solar. You Get Both

Many solar providers understand photovoltaics but not roofing – leading to leaks, wind damage, and installation delays. CAILIN has over 20 years of roofing manufacturing experience. We engineer BIPV tiles that meet roofing standards for waterproofing, wind resistance, fire safety, and structural integrity – because a solar roof must first be a great roof.

Lower Total Project Cost

With BIPV, the cost of the roof covering and the solar system are combined into one material. Factor in the roofing material you would have purchased anyway, and integrated solar becomes cost competitive with panel on rack systems – especially for new builds and full reroofing.

Clean Energy, Long Term Savings

Each tile uses high efficiency monocrystalline cells to deliver reliable solar generation. Over 30+ years of design life, your roof doesn't just protect – it pays you back through reduced electricity bills.

Safe, Durable, Weatherproof

IP67 waterproof – watertight like a conventional tile
Class A fire performance (tested)
Tempered glass surface – hail resistant and impact resistant
Wind resistant installation – low profile, no external racking to catch uplift

Installed by Roofers, Wired by Electricians

Because our tiles install like standard roofing, your existing roofing crew can lay them using familiar tools and techniques. Electrical connection is then handled separately. No need for specialized solar mounting contractors – faster, simpler, more predictable.

Apollo Bent Barrel PV Roof Tile

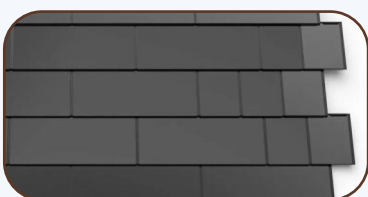
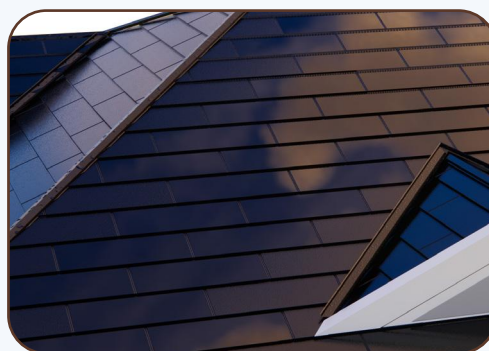


Size	586*400mm
Weight	5kg
Glass(Materials/Thickness)	Low-iron tempered glass/3.2mm
Battery Size	158.75*79.375mm(2*6)
Junction Box	≥ IP67
Cable Type	450mm/4m m ²
Cable Joiner	MC4
Lifespan	>30 years
Power Output	30W (black color)
Temperature Range	-40°C to +85°C
Fire Rating	ClassA



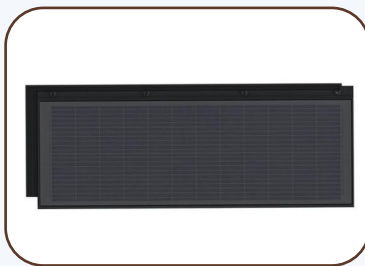
SOL MODERN STYLE METAL FLAT PV ROOF TILE

Size	1190*390*23mm
Weight	6kg
Glass (Materials/Thickness)	Low-iron tempered glass/3.2mm+backplane
Battery Size	166*83mm (2*12)
Junction Box	≥ IP67
Cable Type	900mm/4m m ²
Cable Joiner	MC4
Lifespan	>30 years
Power Output	80W
Temperature Range	40° C to +85° C
Fire Rating	ClassA



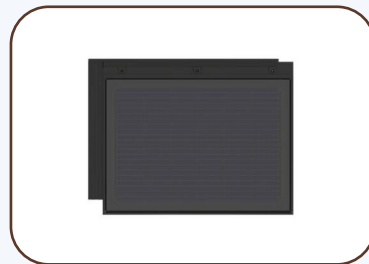
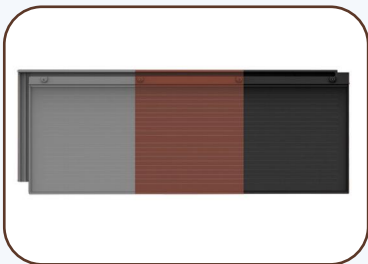
Titan Flat Slate PV Roof Tile

Size	1260*480mm
Weight	15.5kg
Glass (Materials/Thickness)	Low-iron tempered glass/3.2mm
Battery Size	182*91mm (2*12)
Junction Box	≥ IP67
Cable Type	900mm/4mm ²
Cable Joiner	MC4
Lifespan	>30 years
Power Output	95W (black color) / 80W (red color)
Temperature Range	-40° C to +85° C
Fire Rating	ClassA



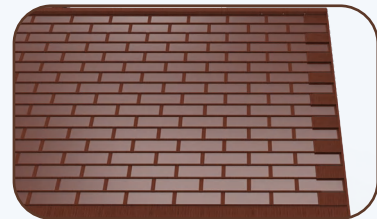
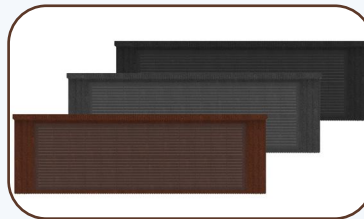
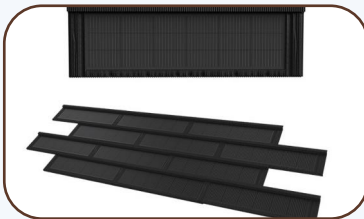
Titan Small-Sized Flat Slate PV Roof Tile

Size	630*480mm
Weight	7.5kg
Glass(Materials/Thickness)	Low-iron tempered glass/3.2mm
Battery Size	182*91mm (2*5)
Junction Box	≥ IP67
Cable Type	450mm / 4mm ²
Cable Joiner	MC4
Lifespan	>30 years
Power Output	40W (Black Color) / 35W (Red Color)
Temperature Range	-40° C to +85° C
Fire Rating	ClassA



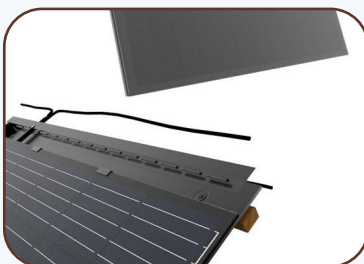
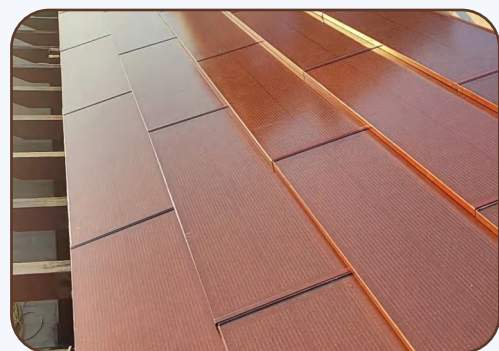
HELIU LIGHTWEIGHT AESTHETIC PV ROOF TILE

Size	1340*420mm
Weight	6.5kg
Glass(Materials/Thickness)	Low-iron tempered glass/3.2mm+backplane
Battery Size	166*83mm (2*13)
Junction Box	≥ IP67
Cable Type	900mm/4mm ²
Cable Joiner	MC4
Lifespan	>30 years
Power Output	80W
Temperature Range	-40° C to +85° C
Fire Rating	Class A



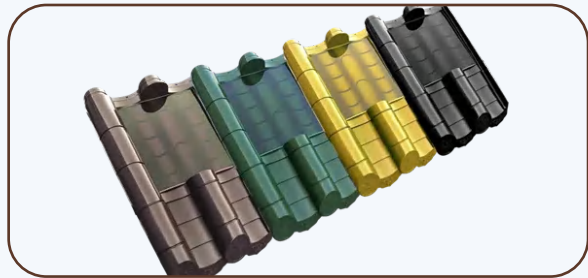
XIHO SPANISH SHINGLES PV TILE

Size	1260*480mm
Weight	15.5kg
Glass (Materials/Thickness)	Low-iron tempered glass/3.2mm
Battery Size	182*91mm (2*12)
Junction Box	≥ IP67
Cable Type	900mm/4mm ²
Cable Joiner	MC4
Lifespan	>30 years
Power Output	95W (black color) / 80W (red color)
Temperature Range	-40° C to +85° C
Fire Rating	Class A



DBOG ANTIQUE STYLE PV TILE

Size	1260*480mm
Weight	15.5kg
Glass(Materials/Thickness)	Low-iron tempered glass/3.2mm
Battery Size	182*91mm (2*12)
Junction Box	≥ IP67
Cable Type	900mm/4mm ²
Cable Joiner	MC4
Lifespan	>30 years
Power Output	95W (black color) / 80W (red color)
Temperature Range	-40° C to +85° C
Fire Rating	Class A



CASE





ASPHALT SHINGLE



Asphalt Shingles

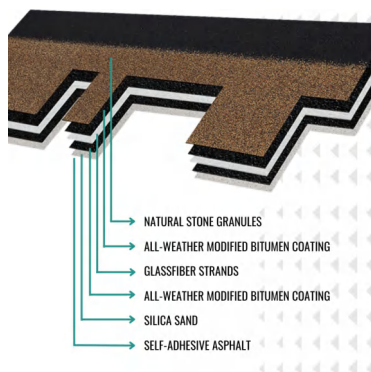
Five Profiles, One Reliable Choice

What Are CAILIN Asphalt Shingles?

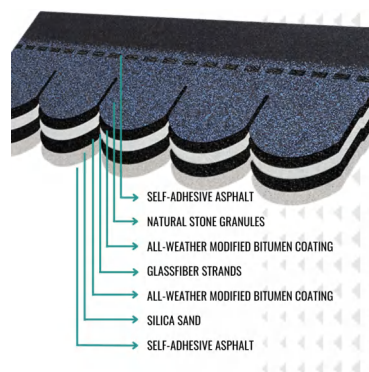
CAILIN asphalt shingles are glass fiber reinforced roof coverings manufactured with a fiberglass mat core, coated with weather grade modified bitumen, and surfaced with high temperature sintered natural stone granules (French CARLAC®) for UV and algae resistance. A factory applied self sealing adhesive strip activates under sunlight, bonding overlapping courses into a unified, wind resistant roof covering. Lightweight, easy to cut and install, they are suitable for pitched roofs from 12° to 90°.



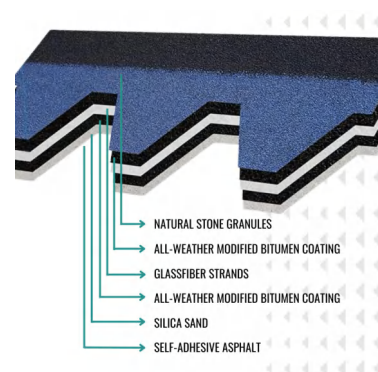
We offer five standard profiles to match diverse architectural styles:



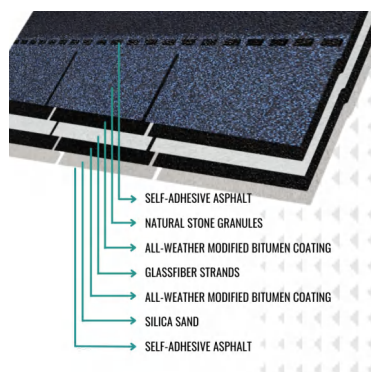
Goethe Shingle



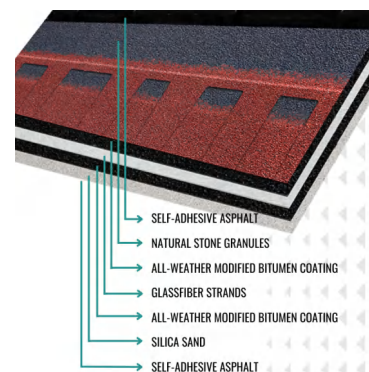
Fish Scale Shingle



Mosaic Shingle



3 Tab Shingle



Laminated Shingle

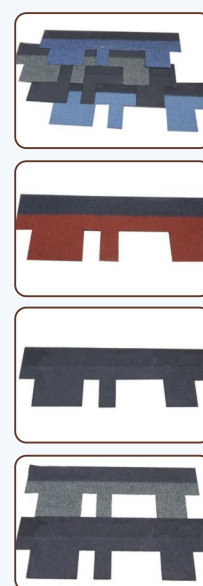
All profiles are available in over 20 colors, backed by 20 30 year warranty, and manufactured in our ISO 9001:2015 & ISO 14001:2015 certified facility. Factory direct pricing, OEM/private label welcome.



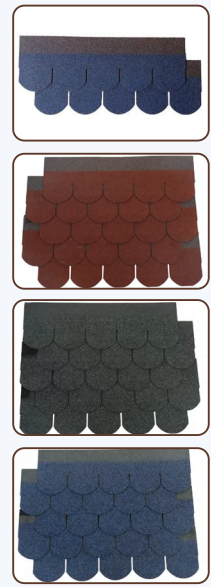
PRODUCT PERFORMANCE

Length	1000mm(±3mm)
Width	333mm(±3mm)
Thickness	2.6mm(±0.1mm) 3-Tab/Mosaic/Goethe/Fish Scale; 5.2mm(±0.1mm) Laminated
Weight per bundle	22kg(±1kg) Goethe/Mosaic; 27kg(±1kg)3-Tab/Fish Scale; Laminated
Temperature Range	-45° C to +90° C
Tensile Strength (Longitudinal)	≥ 530 N/50mm
Tensile Strength (Transversal)	≥ 550 N/50mm
Heat Resistance	No asphalt softening, flow, sagging, dripping, or blistering at 90° C
Flexibility	No cracking when bent at 10° C
Nail Resistance	78 N
Resist To Tearing	>100 N
Weather Exposure	145 mm
Wind Resistance	up to 130-160 km/h
Warranty	20-30 years

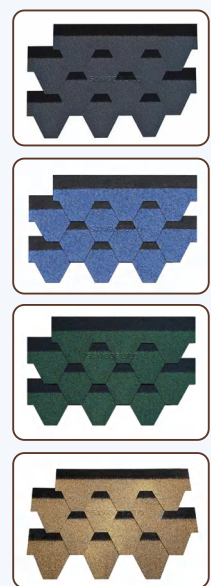
GOETHE ASPHALT SHINGLE



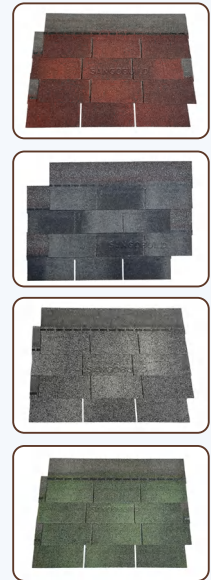
FISH SCALE ASPHALT SHINGLE



MOSAIC ASPHALT SHINGLE



3 TAB ASPHALT SHINGLE



LAMINATED ASPHALT SHINGLE



CASE





RAIN GUTTER SYSTEM





RAIN GUTTER SYSTEM

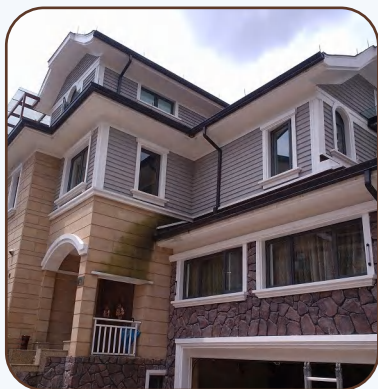
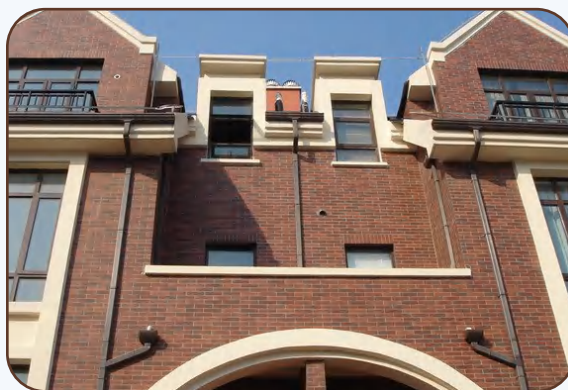
CAILIN provides a complete range of rain gutter systems in PVC and aluminum profiles. Aluminum gutters are available in a wide selection of colors to match any roof and facade design. Both K style and half round shapes are offered, suitable for residential, commercial, and industrial projects.

Most gutters can be cut to your specified length and shipped directly to your site – saving time and reducing on site waste. Whether you are replacing an old system or building new, we have the components to meet your needs: downspouts, corners, outlets, brackets, and seals. Factory direct pricing, fast delivery, and custom color matching available.

ALUMINUM GUTTER

Product Name	Aluminum Rain Gutter
Material	Aluminum
Color	Brown/White/Black/Customized
Size	5/6/7inch
Shape	K-type/Square
Gutter/Downspout Length	3m/4m/5m or any length you want
Certificate	ISO9001,SONCAP

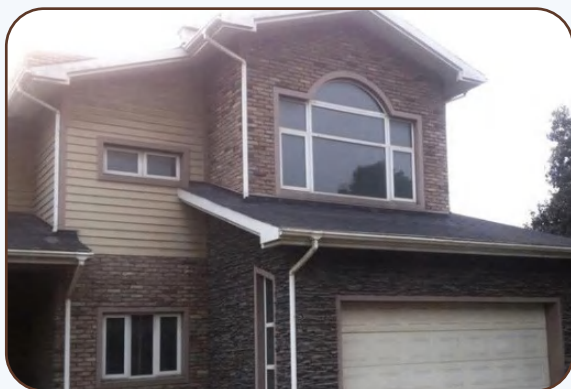
CASE



PVC RAIN GUTTER

Material	PVC/ASA
Color	Brown/White/Black/Customized
PVC Contents	68-70%
Shape	K-type / Square
Diameter For K-Style Gutter 5.2inches	Gutter:130*85*105mm, 3.4mm in thickness Downspout:86*63mm,1.9mm in thickness
Diameter For K-Style Gutter 7 inches	Gutter:150*130*120mm, 1.8mm in thickness Downspout:101*80mm, 1.9mm in thickness
Gutter/Downspout Length	3m/4m/5m or any length you want
Environment Temperature	-40° C~75° C
Warranty	20 years
Certificate	ISO9001, SONCAP
Application	Roofing rain drainage

CASE





BUTYL TAPE



BUTYL TAPE

Butyl tape is a kind of lifelong non-curing self-adhesive sealing waterproof tape made of butyl rubber as the main raw material, mixed with other additives, and processed through advanced technology. It has a good performance on the surface of various materials. Apart from strong adhesion, and excellent weather resistance, aging resistance and water resistance at the same time, it can also play a role in sealing, damping and protecting the surface of the adhered object.

Butyl tape products are completely solvent-free, so they do not shrink or emit toxic gases. Because they do not solidify for a lifetime, they have a good resilience to the thermal expansion and contraction of the surface.



Sun room trap



Color steel tile repair



Bungalow roof waterproofing



Drainage pipe



Crack repair



Window sill seam waterproof



Fish pond waterproof



Car trap



Container repair



GD-8608

Material	Butyl Rubber+Aluminum Foil Surface+Isolation Film
Backing Film	Square Aluminum
Width	5cm,10cm,15cm,...120cm,customizable
Length	5m,10m,15m,20m...30m,customizable
Thickness	1.0~1.5mm
Color	Aluminum natural color, Red, Blue
Initial Stickness	A+
Persistent Stickness	B
Work Temperature	-20°C \~ +80°C
Usage	Repairing,Waterproofing
Life Span	3~5 Years
Features	Excellent initial stickiness makes it more suitable for irregular application surfaces.Not recommended being used as the roofing membrane.



ZD-8612

Material	Butyl Rubber+Aluminum Foil Surface+Isolation Film
Backing Film	Reinforced Aluminum
Width	5cm,10cm,15cm,...120cm,customizable
Length	5m,10m,15m,20m ...30m,customizable
Thickness	1.0~1.5mm
Color	Aluminum natural color, Red, Blue
Initial Stickness	A
Persistent Stickness	B+
Work Temperature	-20° C~+100° C
Usage	Repairing, Waterproofing
Life Span	5 ~ 10 Years
Features	Relatively economical and fair performanceCan be used as the roofing membrane





JD-8616

Material	Butyl Rubber+Aluminum Foil Surface+Isolation Film
Backing Film	Strong-cross (JD)
Width	5cm,10cm,15cm,...120cm,customizable
Length	5m,10m,15m,20m ...30m,customizable
Thickness	1.0 ~ 1.5mm
Color	Black,customizable
Initial Stickness	A+
Persistent Stickness	B
Work Temperature	-20° C ~+100° C
Usage	Repairing, Waterproofing
Life Span	10~ 15 Years
Features	Class B fire resistant, and self-extinguishing away from the flame Can be used as the roofing membrane



KD-8619

Material	Butyl Rubber+Aluminum Foil Surface+Isolation Film
Backing Film	Anti-aging (KD)
Width	5cm,10cm,15cm,...120cm,customizable
Length	5m,10m,15m,20m ...30m,customizable
Thickness	1.0 ~ 1.5mm
Color	Grey, blue, red
Initial Stickness	B+
Persistent Stickness	A
Work Temperature	-40° C ~+120° C
Usage	Repairing, Waterproofing
Life Span	15~ 20 Years
Features	Class B fire resistant, and self-extinguishing away from the flame Strong and long-term bonding strength Can be used as the roofing membrane





KD-9619

Material	Butyl Rubber+Aluminum Foil Surface+Isolation Film
Backing Film	Anti-aging (KD)
Width	5cm,10cm,15cm,...120cm, customizable
Length	5m,10m,15m,20m ...30m, customizable
Thickness	1.0 ~ 1.5mm
Color	Grey, blue, red
Initial Stickness	A+
Persistent Stickness	40° C~+120° C
Work Temperature	Repairing, Waterproofing
Usage	20~ 30 Years
Life Span	Strongest and long-term bonding strength
Features	Can be used as the roofing membrane



INSTALLATION GUIDANCE



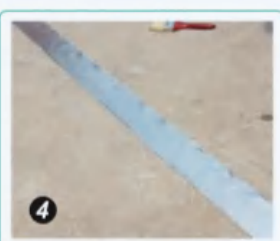
- 1.Clean the surface



- 2.Cut the tape to the required length



- 3.Peel the release paper



- 4.Stick & smooth down



ONE ROOF. ONE PARTNER. COMPLETE SOLUTIONS.

CONTACT US

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