



## HEBEI SINOSTAR TRADING CO., LTD.

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# ROOFING SHEET SERIES

GLOBAL SUSTAINABLE SUPPLY CHAIN  
INTEGRATION PLATFORM  
FOR BUILDING MATERIALS & HARDWARE



WEBSITE



WECHAT

HEBEI SINOSTAR TRADING CO., LTD.  
QUALITY / SERVICE / HONESTY / SPECIALTY / INNOVATION

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# Company Profile

Founded in 2005, Hebei Sinostar Group is a growth-oriented export enterprise with over 20 years of experience in the building materials and hardware industry.

Building Materials and Hardware remain the core business and strategic foundation of Hebei Sinostar Group, forming the backbone of our long-term development. Our products cover a full range of building materials and hardware solutions, including Iron Wire and Wire Mesh, Metal Fencing Systems, Fasteners and Screws, Iron Nails, Metal Pipes, Roofing Sheets, Pipe Fittings and Valves, Scaffolding, Safety Ladders, Iron Art, and Garden Metalware Products. Our main markets involve the EU, Middle & South America, Southeast Asia, the Middle East, and Africa.

Supported by over 500 certified long-term manufacturing partners, we serve large home centers, contractors, traders, and wholesalers with the best quality products, the most competitive prices, and the most intimate service.

## Delivering Responsible Growth

At Hebei Sinostar, we share a common noble aspiration: To fulfill our mission through responsible growth.

As a one-stop building materials and hardware sourcing solutions supplier, we are committed to providing our clients we serve with the best quality products, the most competitive price, and the most intimate service to create tangible value for their business.

### Our Mission

To be the world's most customer-centric enterprise, offering superior cost-performance products and most efficient services.

### Our Vision

To be the world's most trustworthy enterprise, consistently delivering value and innovative experiences beyond expectations.

### Our Core Values

#### Quality

Our QC inspectors monitor the whole process of production of each order to make sure the quality fully meets the market and customers' needs.

#### Service

We always adhere to the philosophy of "customer-centered, market-oriented", and continuously provide high-quality services to our customers.

#### Honesty

Honesty is essential in any lasting business and partnership. We consider from the perspective of our customers, we act in an open and transparent way to realize customers value.

#### Specialty

Professional skills are the foundation of high-quality services. Our professional and dedicated team members make customers' business easier and safer.

#### Innovation

Innovation is the key factor of the continuous company success. Driven by the customer needs, we are always focused on innovation and development to improve our customer satisfaction.

By driving responsible growth, Hebei Sinostar Group is committed to growing together with our clients, suppliers, shareholders, and employees, creating tangible value across the entire supply chain.



# Why Hebei Sinostar

## Supply Chain Management System

**Supply Chain Integration:** With professional supply chain team and over 20 years of industry experience, we integrate 500+ certified suppliers through standardized qualification, audits, testing, and continuous performance evaluation.

This structured integration ensures stable capacity, consistent quality standards, reliable delivery, and reduced single-source dependency.

**Risk Management:** We Have To Grow Within Our Risk Framework. Managing risk well is foundational to responsible growth. It contributes to the strength and sustainability of our company and our customers for the future.

Everyone has a role to play in managing risk. All employees are responsible for proactively managing risk as part of their day-to-day activities through prompt identification of product liability and capital risks.

**Logistics Assurance:** With two decades of operational excellence and a globally optimized network, we deliver fully digitized logistics solutions encompassing procurement, warehousing, transportation, and customs clearance.

By embedding value creation into every supply chain node and leveraging our robust logistics infrastructure, we provide enterprise-grade "safety, efficiency, and sustainability" assurances to global clients.

**Digital Supply Chain Services:** Digitalization is a core enterprise-level strategy at Hebei Sinostar. We operate end-to-end digitalized, standardized, and automated supply chain systems, covering order processing, production tracking, quality inspection, logistics execution, and shipment release.

This system-level control ensures transparency, traceability, and execution discipline, transforming efficiency into measurable customer value.

**One-Stop Sourcing Solution:** Hebei Sinostar offers one-stop building materials and hardware sourcing solutions, designed to meet different customer types and project scenarios.

We help customers reduce supplier complexity, shorten sourcing cycles, and improve procurement efficiency, and ensuring product quality and cost control.

**Financial Support:** Hebei Sinostar provides risk-controlled, operation-aligned financial support options designed to match real business cycles, helping customers improve capital efficiency.

By integrating business execution with financial management, we help partners improve cash flow efficiency while maintaining disciplined capital risk control.

## Quality Management System

Hebei Sinostar has introduced an advanced quality control system and customized testing solutions with comprehensive quality control throughout the entire process.

The testing data is integrated in real-time into our ERP and QMS systems, creating a traceable quality control system covering the entire process from raw materials, samples, production, processing, finished products, to warehousing, packaging, and port shipment.

Hebei Sinostar is certified to ISO 9001:2015, ISO 45001:2018, and ISO 14001:2015.



ISO 45001:2018



ISO 9001:2015



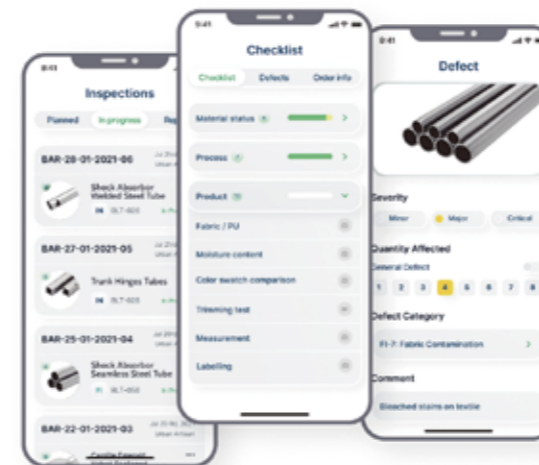
ISO 14001:2015

## Digital Quality Inspection Tool--QARMA

Adopted by Hebei Sinostar, enhances its ability to maintain and uphold the highest standards across all stages of production.



Planning & scheduling for inspector



Covering every step of the inspection process



Generating reports, analytics, and insights

## Cold Rolled Steel Coil & Sheet

Assortment	Dimension		
	Thickness	Width	Length
Sheet	0.3-3.5mm	1000-1500mm	2000-4500mm
Coil	0.3-3.5mm	100-1500mm	

Standard and Material		
Country	Standard	Grade
China	GB 700	Q195
		Q215
	GB/T 699	Q235A/B
America	ASTM A1008	08AL
		CS
		DS
Japan	JIS G3141	DDS
		SPCC
		SPCD
Germany	DIN 1623	SPCE
		ST12
		RRST13
E.U.	EN 10130	ST14
		SDC01
		DC03
		DC04



# Steel Coil & Sheet



## Hot Rolled Steel Coil & Sheet & Plate

Commodity	Series	Grade	Quantification		
			Width	Thickness	Length
Hot Rolled Sheet	Structural	Q235B/S235JR	900-2500mm	1.0-120mm	1000-13000mm

Commodity	Series	Grade	Size	Standard	Remark
Steel for Welded Tube	Carbon Structural Steel	SS 400	1,5-12x1000mm	JIS G3101	Coil Weight: 7-35mt
		A283C		ASTM A283/A283M	
		SPHT1-4	2,0-25x1250mm	JIS G3132	
		S235-355JR-J2	2,5x25x1500-2000mm	EN 10025-2	
		Q195-Q275B-D		GB 912 GB/T 3274	
	Petroleum Pipe Line Steel	A36	5,0-20x1000-2000mm	ASTM A236/A36M	
		Gr8		API SPEC 5CT	
		X42-X70			
		L210-L485			
		S210-S485			
Petroleum Casing Steel	H40	5,0-12,7x1070mm	API SPEC 5CT		
	J55	5,0-12,7x1000-1600mm			

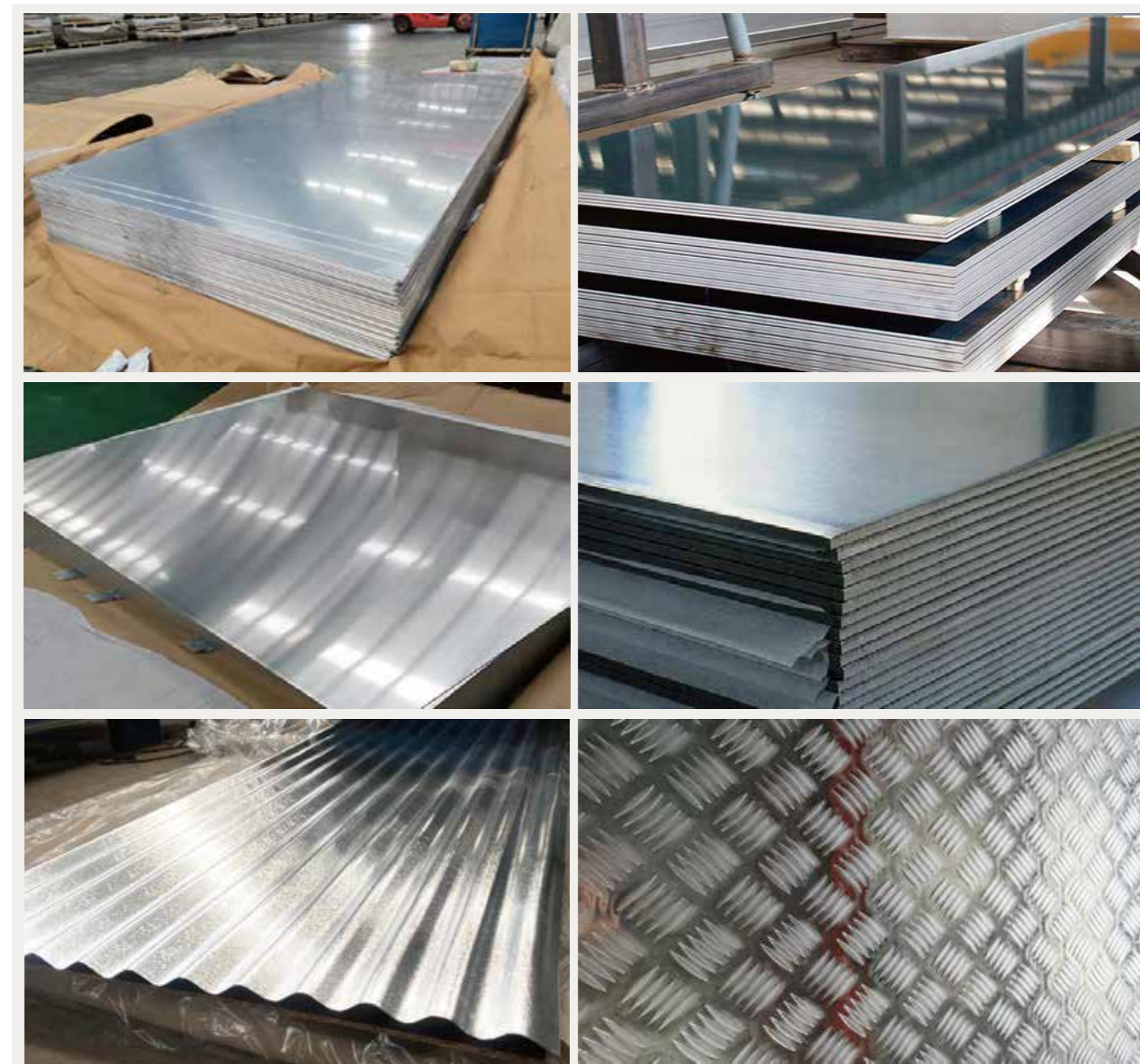
Commodity	Series	Grade	Size	Standard	Remark
Low Alloy High Strength Steel	Building Structural Steel	Q295B	3,0-20x1250-2000mm	GB/T 912 GB/T 3274	Coil Weight: 7-35mt
		Q345-B-E			
		Q390B-E			
		Q420B-E			
		Q460C-E			
		SM490			
Chequered Steel Coil	Building Structural Steel	A572GR50	1,2-12x1000-2000mm	ASTM A572/A572M	
		A36		ASTM A36/A36M	
		SS 400		JIS G3101	



## Aluminum Coil & Sheet

Aluminum Sheet	
Grade	1050/1070/1100/1060/3003/3004/3105/5052/5754/6061/6063/6082
Temper	O, H111, H112, H14, H16, H18, H32, H34, H36, H38
Surface	Mill Finish, Bright Finish, Paper Interleaved, One side filmed, Both sides filmed
Thickness	0.15mm-200mm
Size	1220mmx2440mm

Aluminum Chequered Sheet	
Grade	1050/1070/1100/1060/3003/3004/3105/5052/5754/6061/6063/6082
Temper	H12, H14, H22, H24, H32, H112, T4, T6
Surface	Five Bars, Diamond, Pebble, Three Bars, Two Bars, One Bar, Hammer
Thickness	1.2mm-8.0mm
Size	1220mmx2440mm



## Stainless Steel Coil & Sheet

Stainless Steel Coil	
Thickness	Cold Rolled: 0.3mm-4.0mm; Hot Rolled: 3mm-16mm
Width	1000mm, 1219mm, 1250mm, 1500mm, 1800mm, 2000mm, etc.
Coil I.D.	508mm, 610mm
Coil W.T.	CR 20tons, HR 20tons
Finish	2B, BA, No.1, No.3, No.4, Embossed, etc.
Materials	201, 202, 302, 304, 304L, 316, 316L, 409, 430, etc.

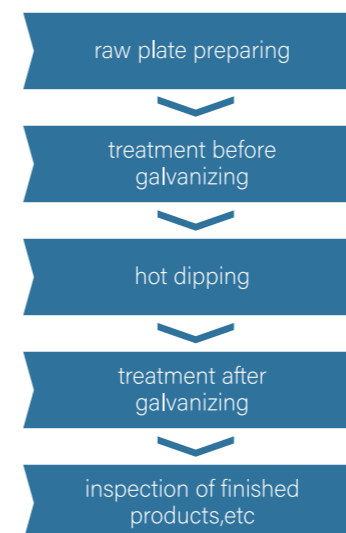
Stainless Steel Sheet	
Thickness	Cold Rolled: 0.3mm-4.0mm; Hot Rolled: 3mm-16mm
Width	1000mm, 1219mm, 1250mm, 1500mm, 1800mm, 2000mm, etc.
Length	2000mm, 2438mm, 2500mm, 3000mm, 6000mm or as per buyer's requested
Technique	Cold rolled, Hot Rolled
Finish	2B, BA, 8, 8K, No.1, No.4, Mirror, Hairline, SB, Embossed, Polished, Filmed, etc
Materials	201, 202, 302, 304, 304L, 316, 316L, 409, 430, etc.



## Galvanized Steel Coil As Building Material

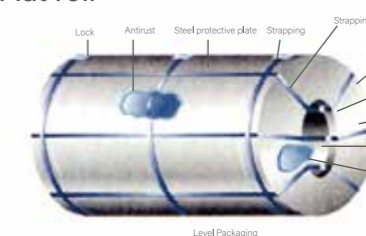
Galvanized evolves from old hot dipped method and has a history of one hundred and forty years since it was applied to industry in France in 1836. However, in recently years, hot galvanizing, industry has extensively developed with the rapid development of cold rolled strip steel. Galvanized plates are mainly used in such fields as building, household appliances, automobile, containers, transportation and property, etc, especially the industries of steel structure building, automobile making and steel silo manufacturing, etc.

The production procedures for galvanized plates mainly include:

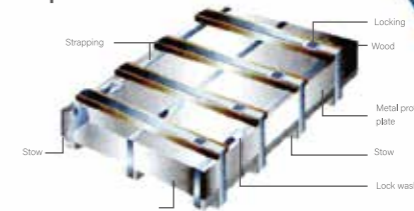


Product Package:

■ Flat roll



■ Flat plate



■ Erected roll



## Galvanized Steel Coil

Specification	
Thickness	0.115-4.0mm
Width	600-1500mm
Coating	Z20G-Z275G
Hardness	Normal Soft/Semi Hard/Full Hard
Spangle	Zero Spangle /Regular Spangle/Big Spangle
Coil Inner Diameter	508/610mm
Coil Outer Diameter	800-1500mm
Coil Weight	2-10MT
Standard	JIS G3302/ASTM A653/EN10346



## Galvalume Steel Coil

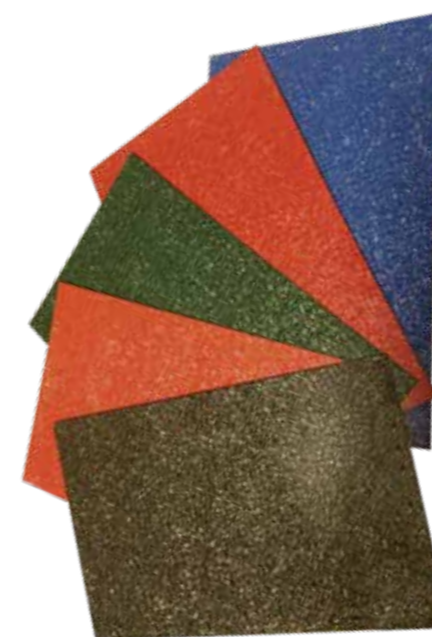
Specification	
Thickness	0.13-2.0mm
Width	600-1500mm
Coating	AZ30G-AZ150G
Hardness	Normal Soft/Semi Hard/Full Hard
Spangle	Anti Finger/ Non Anti-finger
Coil Inner Diameter	508/610mm
Coil Outer Diameter	800-1500mm
Coil Weight	2-10MT
Standard	JIS G3321/ASTM A792/EN10346



## Pre-painted Steel Coil

Color coated steel plate generally refers to the product made by treating the surface of substrate and laying (by roller) or bond organic thin film and baking, which can be made into final products by deep processing. It is called "pre-coated steel plate" or "plastic steel plate" abroad. Since the product is provided with beautiful color or pattern when it is delivered, it is also called "color cated steel plate".

The name of color coated steel plate is more popular in China, which is called "color coated plate" or "color plate" for short.



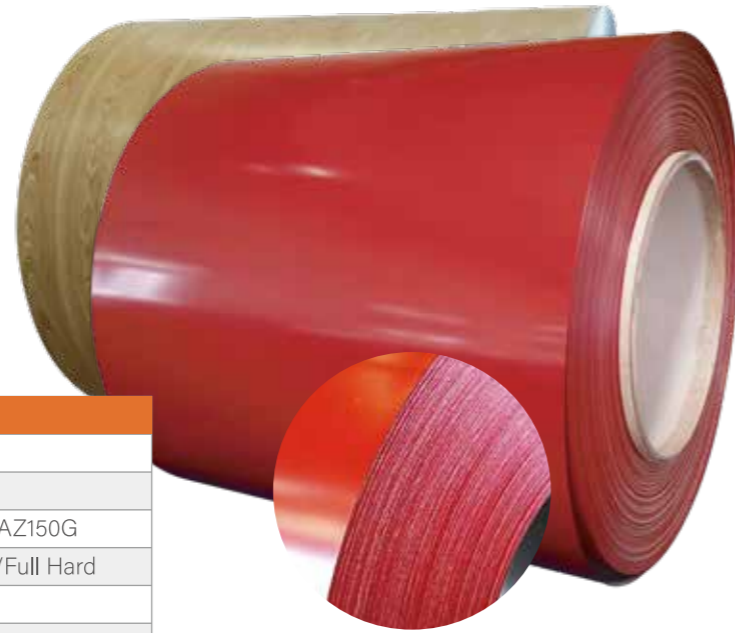
### Main specifications of color plates of the company:

Thickness of 0.11-2.0mm, width of 600-1500mm; unit speed: 120m/min; the types of coating include polyester, silicon modified polyester, polyvinylidene fluoride, superpolyester, epoxy resin, acrylic acid, etc. The production line is able to produce medium and high grade products, such as plates for building and household appliances.

The production line adopts two-coat and two baking process, and the process is complete, the drying oven applies the electric heating direct hot air circulation system.



## PPGI/PPGL



Specification	
Thickness	0.11-2.0mm
Width	600-1500mm
Basic Zinc/ AZ Coating	Z20G-Z275G/AZ30G-AZ150G
Hardness	Normal Soft/Semi Hard/Full Hard
Color	Any Color
Pre-Painted Coating	12 μ m-25 μ m
Coil Inner Diameter	508/610mm
Coil Outer Diameter	800-1500mm
Coil Weight	2-10MT



## Aluminum Coil



Specification	
Thickness	0.12mm-8.0mm
Width	600mm-2200mm
Coil I.D.	508mm
Coil Weight	1.0-5.0 Metric tons
Types	Plain, Embossed
Materials	AA1050 1060 1100 3003 3105 5005 5052 6061 6063 8011&.
Temper	H12, H14, H16, H18, H22, H24, H26, H28&.
Surface Finish	Mill Finish, Mirror Finish, Color Coated



## Color Coated Aluminum Coil

Specification	
Thickness	0.12mm-8.0mm
Width	600mm-2200mm
Coil I.D.	508mm
Coil Weight	1.0-5.0 Metric tons
Types	Plain, Embossed
Materials	AA1050 1060 1100 3003 3105 5005 5052 6061 6063 8011&.
Temper	H12, H14, H16, H18, H22, H24, H26, H28&.
Surface Finish	Matt Color, Metallic Color, High Glossy Color, Stone Color, Brush, Mirror, Sparkling, RAL or as per customer's requirements.

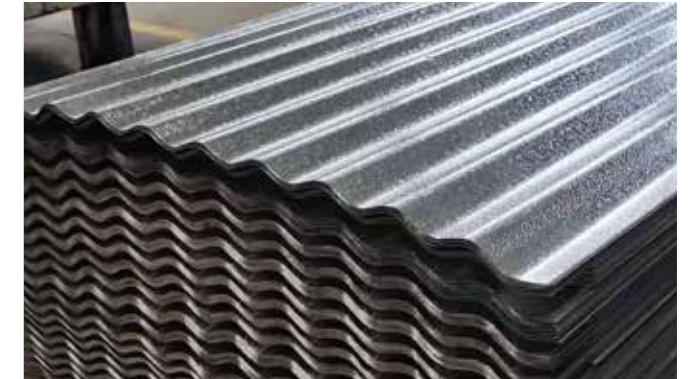




# Corrugate Roofing Sheet

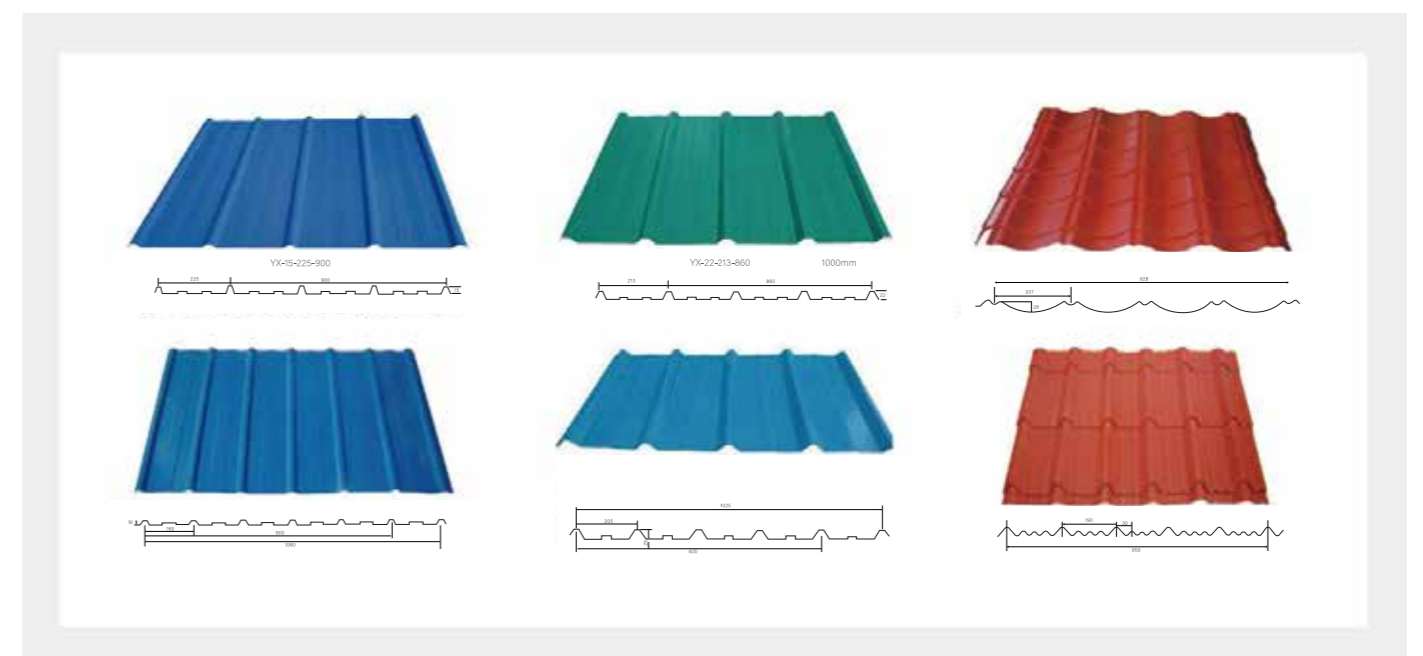
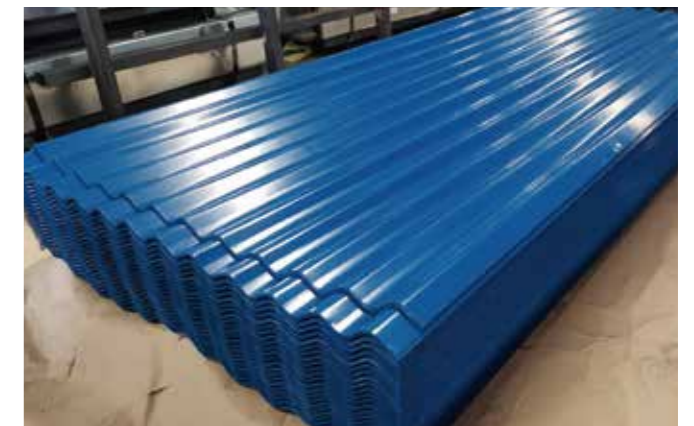
## Aluminum Corrugated Roofing Sheet

Specification	
Width	665mm-1000mm
Thickness	0,13mm-0,7mm
Length	1000mm-5900mm
Materials	AA1050 1060 1100 3003 3105 5005 5052 6061 6063 8011&
Temper	H111, H112, H14, H16, H18, H32, H34, H36, H38
Surface	Mill Finish, Bright Finish, Paper Interleaved, One side film, Both sides film.



## Color Coated Aluminum Roofing Sheet

Specification	
Width	665mm-1000mm
Thickness	0,13mm-0,7mm
Painted Coating	PE/PVDE/SMP
Materials	1050, 1060,1100,3003,3004, 3005,3105,5005,5052,6061,6082,8011
Temper	H12,H14,H16,H18,H24, H26,H32,H34,H111,H112
Color	RAL Series or as per customer's requirements.
Surface Treatment	Color coated,powder coated,stucco embossed.



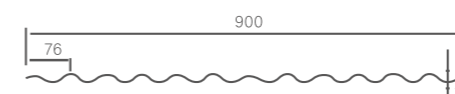
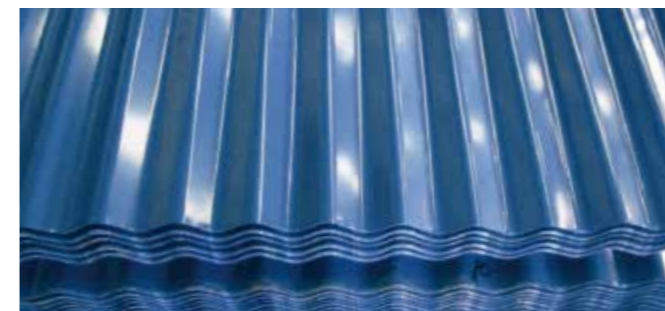
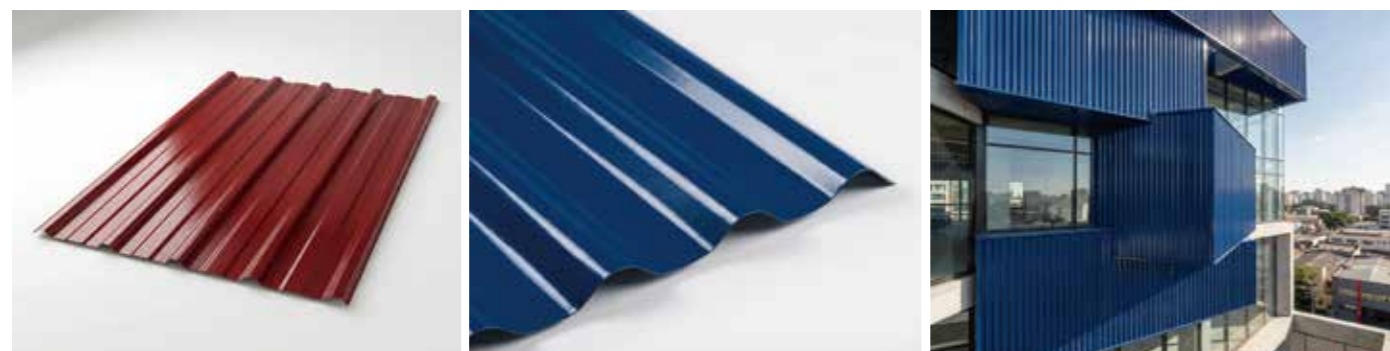
# Galvanized/Galvalume Corrugated Steel Sheet

Specification	
Thickness	0.11-1.2mm
Width Before Corrugated	750-1250mm
Width After Corrugated	665-1090mm
Length	1800-4000mm
Basic Zinc/ AZ Coating	Z20G-Z275G/AZ30G-AZ150G
Hardness	Normal Soft/Semi Hard/Full Hard
Spangle	Zero Spangle/Regular Spangle/Big Spangle
Galvalume Sheet Surface Treatment	Anti-finger/None Anti-finger

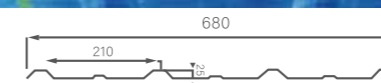
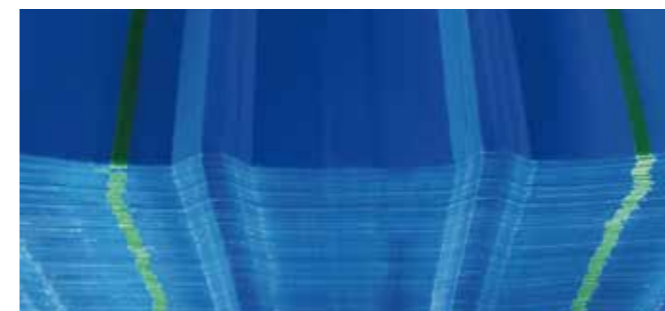


# Pre-Painted Corrugated Steel Sheet

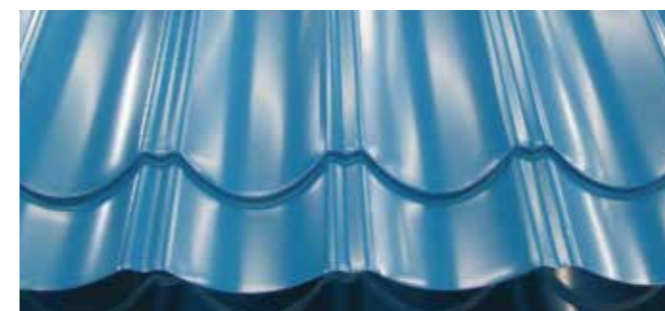
Specification	
Thickness	0.12-1.2mm
Width Before Corrugated	750-1250mm
Width After Corrugated	665-1090mm
Length	1800-4000mm
Basic Zinc/ AZ Coating	Z20G-Z275G/AZ30G-AZ150G
Hardness	Normal Soft/Semi Hard/Full Hard
Pre-Painted Coating	12 μm-25 μm
Paint Material	PE/PVDF
Color	Any Color



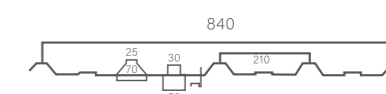
Surface	PPGI		
Thickness (mm)	0.13-0.6		
Width Before Corrugated (mm)	762/750	914/900	1000
Width After Corrugated (mm)	665	800	900



Surface	Embossed PPGI
Thickness (mm)	0.14-0.6
Width Before Corrugated (mm)	750
Width After Corrugated (mm)	680



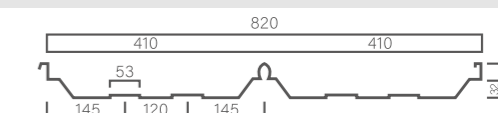
Surface	PPGI	
Thickness (mm)	0.18-0.6	
Width Before Corrugated (mm)	1000	1200
Width After Corrugated (mm)	828	1035



Surface	PPGI	
Thickness (mm)	0.14-0.6	
Width Before Corrugated (mm)	1000	1200
Width After Corrugated (mm)	840	1050



Surface	PPGI	
Thickness (mm)	0.18-0.6	
Width Before Corrugated (mm)	1000	1200
Width After Corrugated (mm)	780	980



Surface	Embossed PPGI
Thickness (mm)	0.5-0.6
Width Before Corrugated (mm)	1000
Width After Corrugated (mm)	820

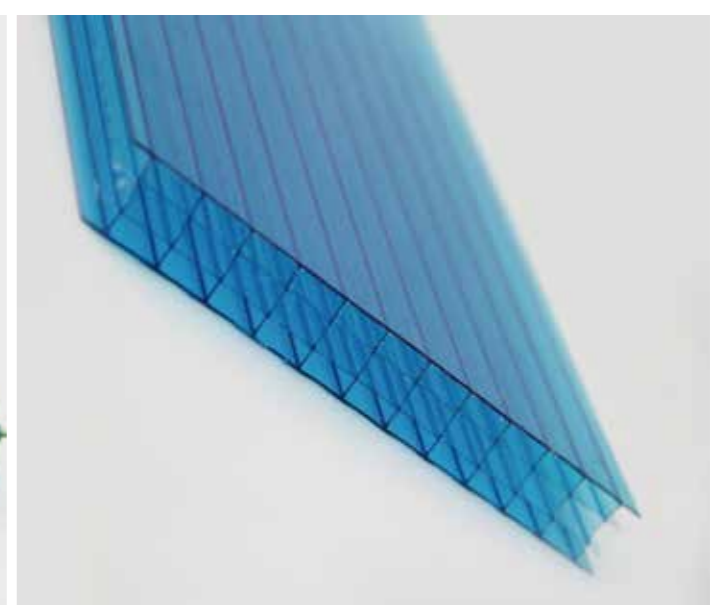
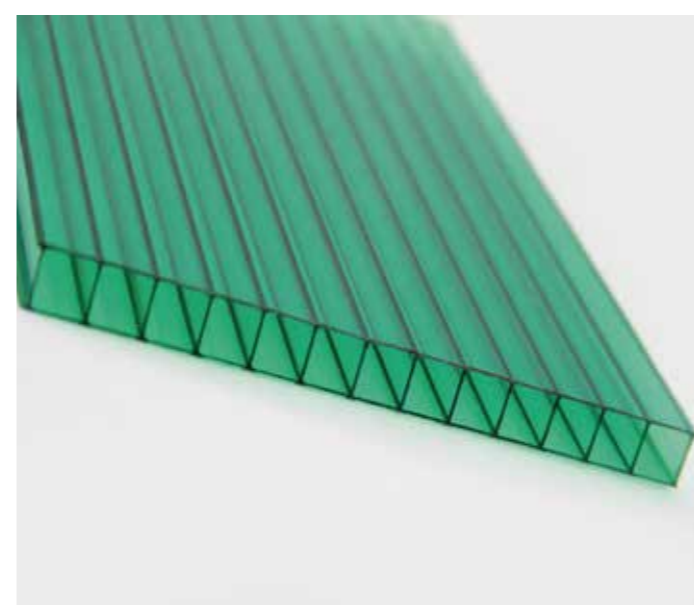


# Polycarbonate Sheet

## Polycarbonate Hollow Sheet



Technical Date							
Product	Thickness	Length x Width	Minimum Radius	Weight	Light Transmission	Effect of Soundproof	Standard Color
Double layer hollow sheet	4	6000x2100	700	1kg/m <sup>2</sup>	82	14	Customized
	6	6000x2100	1050	1.3kg/m <sup>2</sup>	81	17	
	8	6000x2100	1400	1.5kg/m <sup>2</sup>	79	18	
	10	6000x2100	1750	1.7kg/m <sup>2</sup>	76	19	
	12	6000x2100	2100	2kg/m <sup>2</sup>	72	20	
Three layer hollow sheet	8	6000x2100	1850	1.9kg/m <sup>2</sup>	71	19	Customized
	10	6000x2100	2250	2kg/m <sup>2</sup>	69	20	
	12	6000x2100	2600	2.2kg/m <sup>2</sup>	67	21	
	14	6000x2100	2960	2.4kg/m <sup>2</sup>	63	23	
	16	6000x2100	3300	2.7kg/m <sup>2</sup>	61	25	
Four layer hollow sheet	10	6000x2100	/	2.1kg/m <sup>2</sup>	70	20	Customized
	12	6000x2100	/	2.3kg/m <sup>2</sup>	67	21	
	14	6000x2100	/	2.5kg/m <sup>2</sup>	64	23	
	16	6000x2100	/	2.8kg/m <sup>2</sup>	61	25	
	18	6000x2100	/	3.1kg/m <sup>2</sup>	59	27	
Honeycomb layer hollow sheet	10	6000x2100	/	2.1kg/m <sup>2</sup>	70	20	Customized
	12	6000x2100	/	2.3kg/m <sup>2</sup>	67	21	
	14	6000x2100	/	2.5kg/m <sup>2</sup>	64	23	
	16	6000x2100	/	2.8kg/m <sup>2</sup>	61	25	
	18	6000x2100	/	3.1kg/m <sup>2</sup>	59	27	



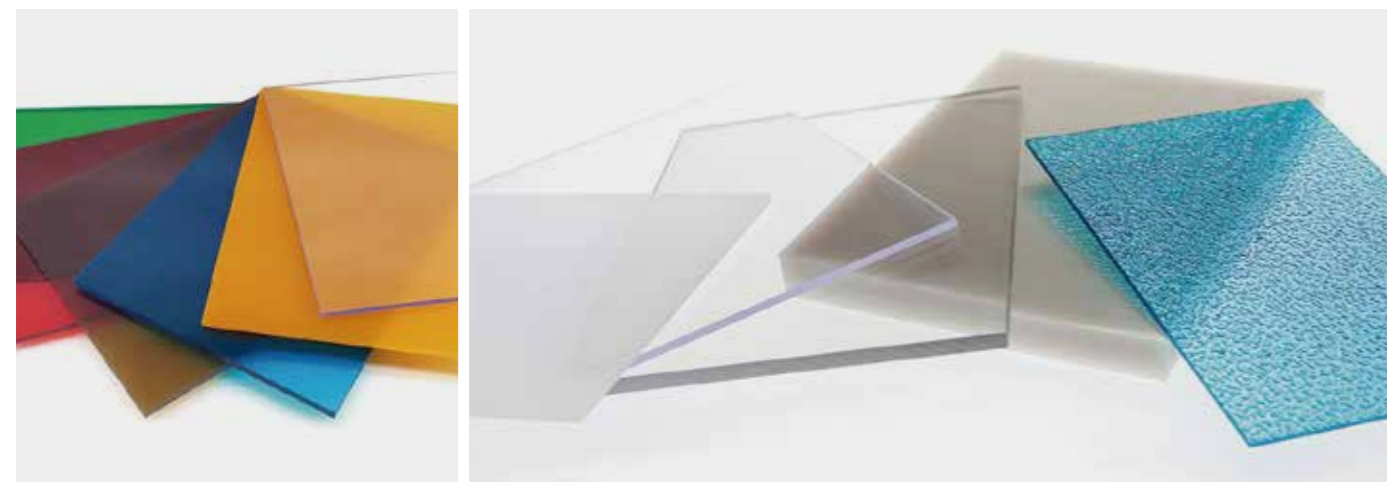
## Polycarbonate Solid Sheet

Parameters					
Name	Thickness	Weight	Min Curving Radius	Color	Specifications
Pc Solid Sheet/ Diamond Sheet/ Frosted Solid Sheet/ Litchiembossed Sheet	1.5mm	1.80kg/m	255mm	Clear/Green/ Blue/Brown/ Opal/Lake-blue (Customizable)	1.0-4mm×1.2mm×30m/ 1.0-4mm×1.56mm×30m/ 1.0-4mm×1.82mm×30m/ 1.0-4mm×2.10mm×30m/ 4.5mm or less can be rolled 4.5mm or more is a sheet
	2.0mm	2.40kg/m	300mm		
	2.5mm	3.24kg/m	405mm		
	3.0mm	3.60kg/m	450mm		
	4.5mm	5.40kg/m	675mm		
	5.0mm	6.00kg/m	750mm		
	6.0mm	7.20kg/m	1080mm		
	8.0mm	9.60kg/m	1450mm		
	10.0mm	12.00kg/m	1750mm		
	12.0mm	14.40kg/m	2100mm		
	14.0mm	16.80kg/m	2450mm		
16.0mm	19.20kg/m	2880mm			
18.0mm	21.60kg/m	3150mm			

Main Application PC Structural Board Series Light Transmittance

Standard Thickness(mm)	2.0	2.7	3.0	4.5	6.0	8.0	10.0	12.0	14.0	16.0	18.0	20.0
Color (Transparent)	89%	88%	88%	87%	86%	83%	82%	81%	77%	75%	73%	72%

Parameters		
Characteristics	Data of PC solid sheet	PC embossed sheet
Light transmittance (%)	≥78	60-70
Impact strength (J/m)	50	35
Coefficient of thermal expansion (mm/m.°C)	1.065	0.065
Heat transfer coefficient (W/m.°C)	0.21	0.21
Service temperature (°C)	-40°C +120°C	-40°C +120°C
Tensile strength (N/m <sup>2</sup> )	60	60
Bending strength (N/m <sup>2</sup> )	100	100
Bending elastic Modulus (Mpa)	2400	2400
Tensile stress at break (Mpa)	130	/
Elongation at break (%)	130	/
Sound insulation effect (db)	6mm solid board reduces 35dB	3mm solid board reduces 28dB

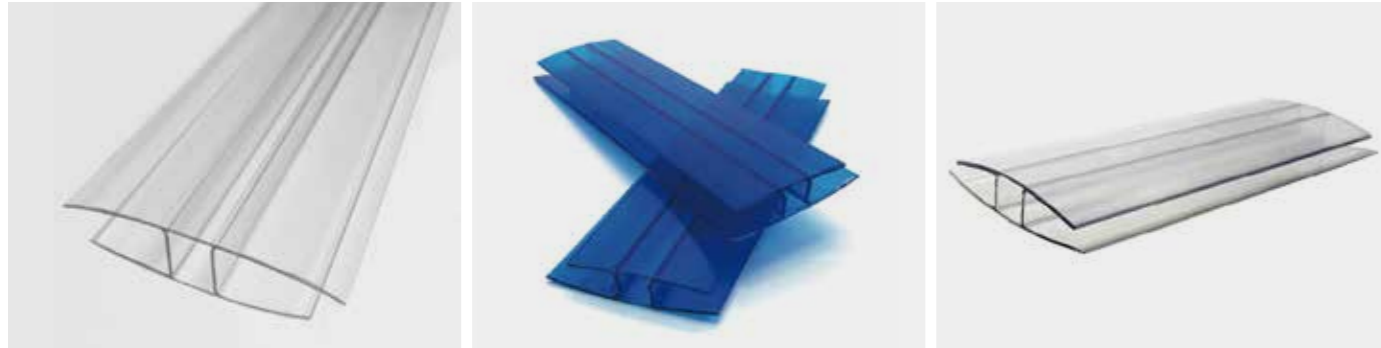


## PC Corrugated Sheet

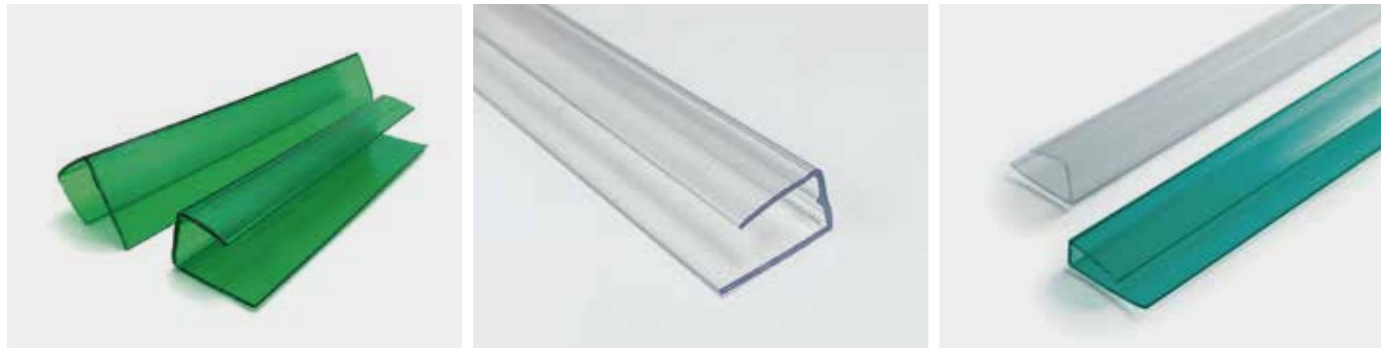
Profile	Model	Width	Covering width	Depth
	pct 600-150	670mm	600mm	50mm
	pct 622-311	650mm	622mm	12mm
	pct 760-190	830mm	760mm	28mm
	pct 820-205	890mm	820mm	28mm
	pct 840-210	900mm	840mm	28mm
	pct 900-150	970mm	900mm	35mm
	pct 1000-250	1060mm	1000mm	39mm
	pct 1000-250/1	1090mm	1000mm	32mm
	pct 966-322	1030mm	966mm	45mm
	pct 1050-100	1050mm	1000mm	18mm
	pct 1026-171	1070mm	1026mm	22mm
	pct 1170-356	1170mm	1068mm	32mm
	pct 760-131	760mm	655mm	35mm
	pct 920-177	920mm	826mm	51mm
	pct 860-76	860mm	760mm	18mm
	pct 930-63	930mm	882mm	16mm
	pct 930-79	930mm	869mm	16mm



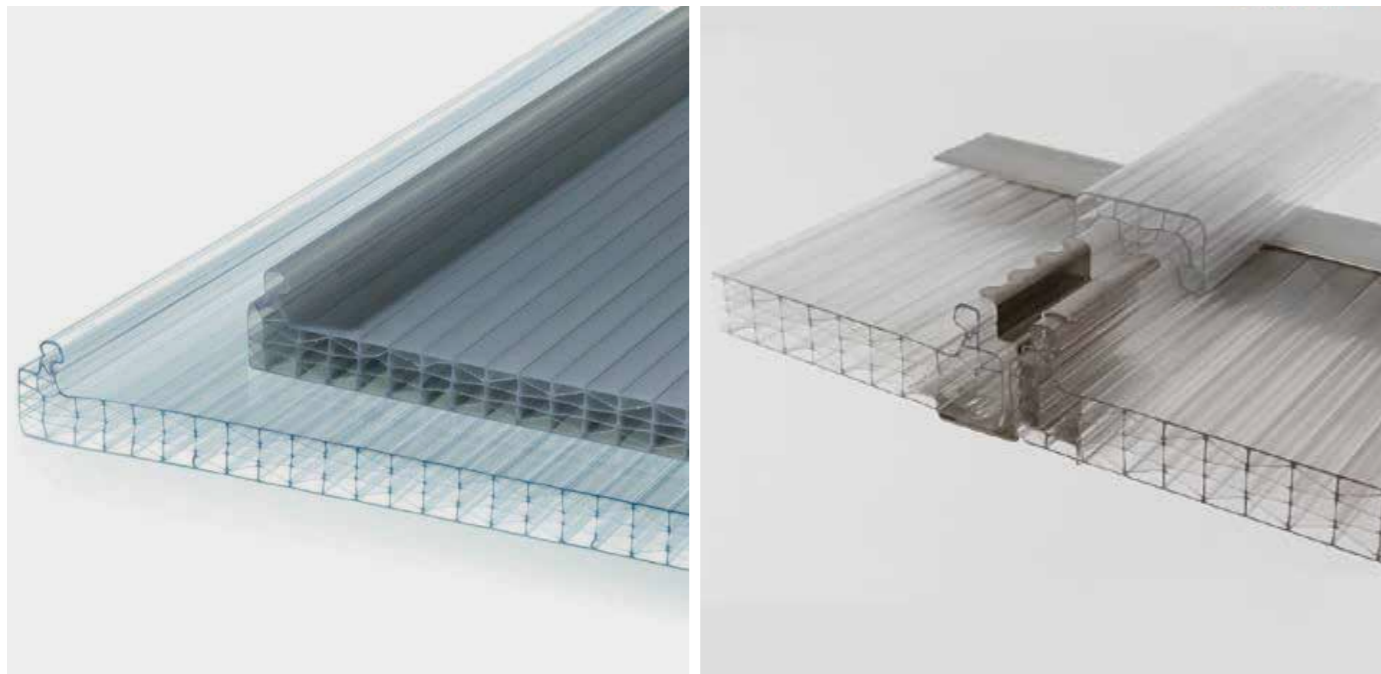
## Polycarbonate Sheet H Profile



## Polycarbonate Sheet U Profile



## U-lock Polycarbonate Roofing Sheet



## Polycarbonate Application

### Main Applications:



Highway, rail and urban elevated road noise barriers.  
Subway entrances, railway stations, car parks, shopping centers, shelters, rest rooms, corridors canopy.



Bank security counter, jewelry store anti-theft window, police riot shields airports, safety glazing material plant.



Home, office interior space, walkways, fence, balcony, shower room sliding door, Instrument accessories, display screen and military, mechanical shutter.

### Window Shed Series



Office building ceiling, department stores, hotels villas, school, hospitals, stadiums, recreation centers and public facilities.



Advertising light panel, advertising display cards, decorative walls.



# Colorful Stone-coated Metal Roofing Tile

## Features of Stone-coated Metal Tile

Color stone metal tile having more excellent durability, heat resistance, thermal reflectivity and corrosion resistance, a long service life of a steel sheet, in various environments can guarantee not rust does corrode.



### Good Fire Resistance

Metal tile is one kind of roofing material which is get the SLGD and natural stone in one, it has the strong fire resistance. So it can reduce the lose of the fire.



### Rain Resistance

You don't worry about the leakage of rain from roof it use metal tile, which is suitable to use in the rain lasting area.



### Hailstone Resistance

The storm which is with hail is the natural endemic phenomenon, and metal tile is well-liked because it can protect the building in the hail or storm.



### Wind Resistance

Even metal tile just has the 1/6 weight to the traditional tile, because of the design of level interlocking, effectively the noise come from the storm.



### Noisy Resistance

The surface of metal tile can absorb noise and avoid effectively the noise come from the storm.



### Earthquake Resistance

The light metal tile can lighten the building, so it has the excellently resistant ability.

## Advantage

### Light Roofing Material

To compare with the traditional cement tile, the weight of bolang metal roofing tiles is just 1/6 of it. It is convenient to carry, store and use etc. So it can save the time and cost of execution.

### Simple Execution

Metal roofing tile is very light and it is easy to incise and cut off, so it is suitable for all kinds of building, especially for secure execution on the heavy grade roofing and the tower.

### Reduplicate Execution

Because Wanael metal tile is light, it won't bring the great pressure for the building. You can repeat execution on the intrinical roofing tile on any roof if you fix well the tile. But the cement tile and earthenware pipe is too heavy so it will bring the huge natural calamities such as earthquake and storm when we repeat execution.

### Beautiful Appearance

Extensive flexibility of colours and profiles provide various building design the perfect match.

### Durable

Because of the Al-zinc and stone-chip coating, metal tiles have good anti-corrosion. They have credible and documented durability. The life span of tiles can be extended more than 30 years.



### Roman Tile

Over Length:1290mm  
Length of Cover:1220mm  
Width of Cover:365mm  
Area of Cover:0.45 m<sup>2</sup>  
Tiles/SQM:2.22  
Weight/Tile:2.7kg



### Wood Tile

Over Length:1340mm  
Length of Cover:1280mm  
Width of Cover:370mm  
Area of Cover:0.473 m<sup>2</sup>  
Tiles/SQM:2.1  
Weight/Tile:2.7kg



### Shingle Tile

Over Length:1340mm  
Length of Cover:1280mm  
Width of Cover:370mm  
Area of Cover:0.473 m<sup>2</sup>  
Tiles/SQM:2.1  
Weight/Tile:2.7kg



### Interlocking Tile

Over Length:1340mm  
Length of Cover:1280mm  
Width of Cover:370mm  
Area of Cover:0.473 m<sup>2</sup>  
Tiles/SQM:2.1  
Weight/Tile:2.7kg



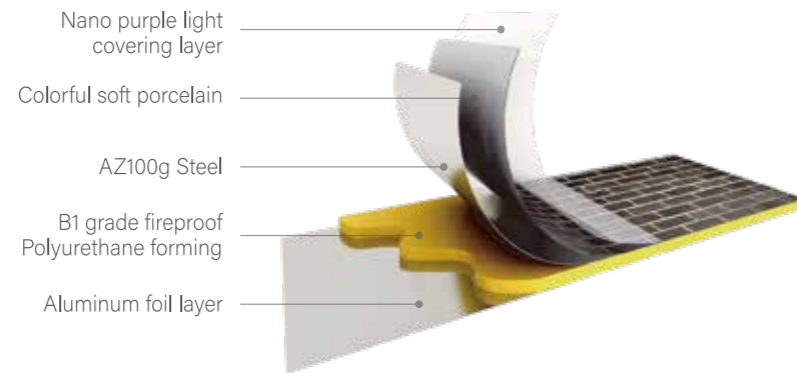
### Classic Tile

Over Length:1170mm/1350mm  
Length of Cover:1080mm/1260mm  
Width of Cover:375mm/375mm  
Area of Cover:0.4m<sup>2</sup>/0.47 m<sup>2</sup>  
Tiles/SQM:2.47/2.1  
Weight/Tile:2.4kg/2.7kg



# Carved Metal Wall Panel

Product Parameters	
Weight	6.25kg/m <sup>2</sup>
Length	3800mm
Width	380mm
Thickness	16mm
Package size	3820*450*156mm
Package quantity	8皮/包
Fire protection	B1级
Heat transfer coefficient	3,06w/(m <sup>2</sup> -k)
Formaldehyde emission	not detected



## Excellent Performance

With environmental protection, innovation, people-oriented, design as the soul of the product, we are in the pursuit of quality and characteristics, but also brought dener outstanding performance.



### Green Environmental Protection

Stat Panel has a stable physical and chemical structure, no decomposition, no mould and no poisonous gases. It's the top choice material for energy-saving and environment-friendly home decoration.



### 3D Design

3D texture show real stone texture in three-dimensional way.



### Durability

Stable structure, could be used at -30 C -80 C, life time is more than 50 years.



### Real Stone Surface

Stone texture surface, make decoration more natural and elegant.



### Moisture-proof and Fireproof

Star Panel have excellent property of fire resistance, and won't make panel burst, fall off, flake or produce the poisonous gases after burning. Via performance evaluation in China, Which was identified as B1 grade maerial.



### Sound-proof and Heat Insulation

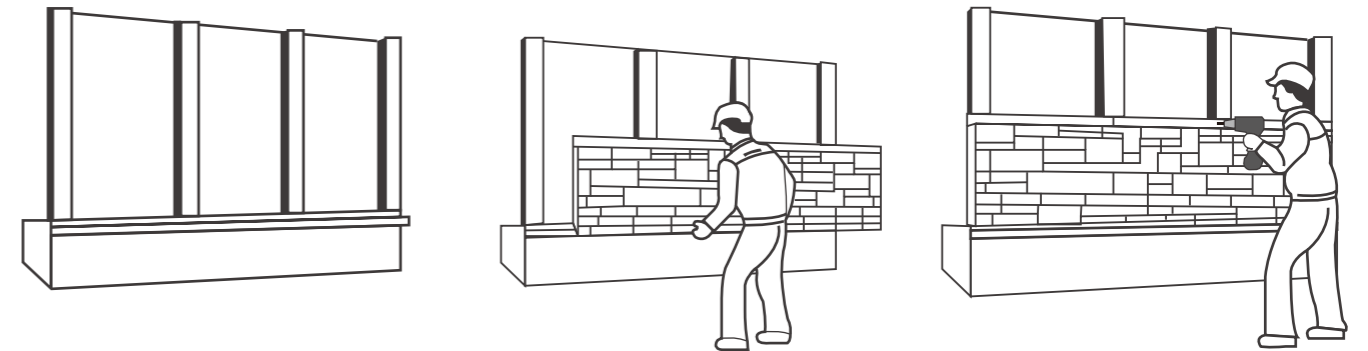
Star Panel have excellent property of thermal insulation, compare with common decorative materials, Star panel has great cold and heat resistance feature, make great contribuion to reducing energy consumption to save cost, By testing, through Star panel, voice will down 35 db.



### Light weight and Easy Installation

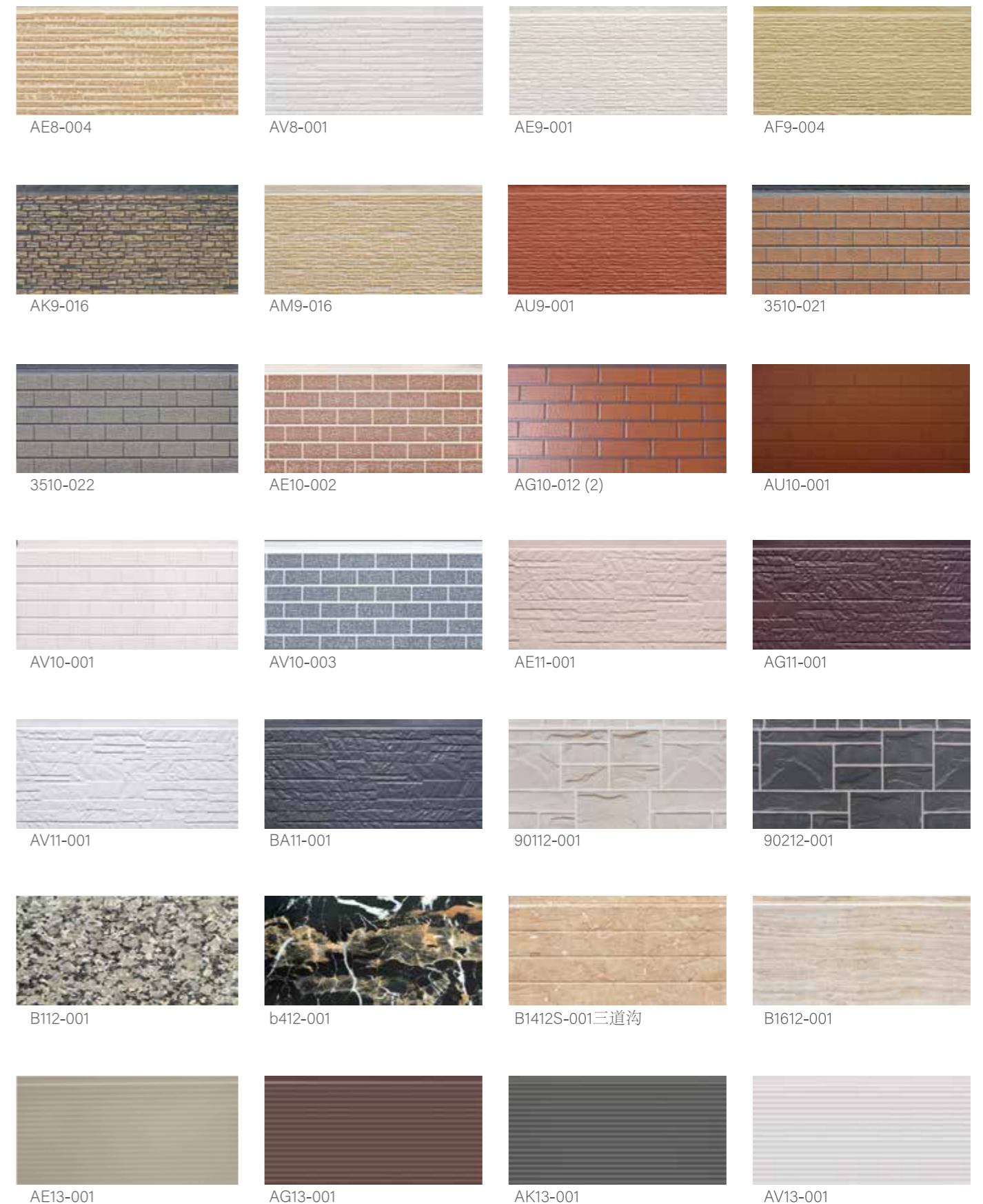
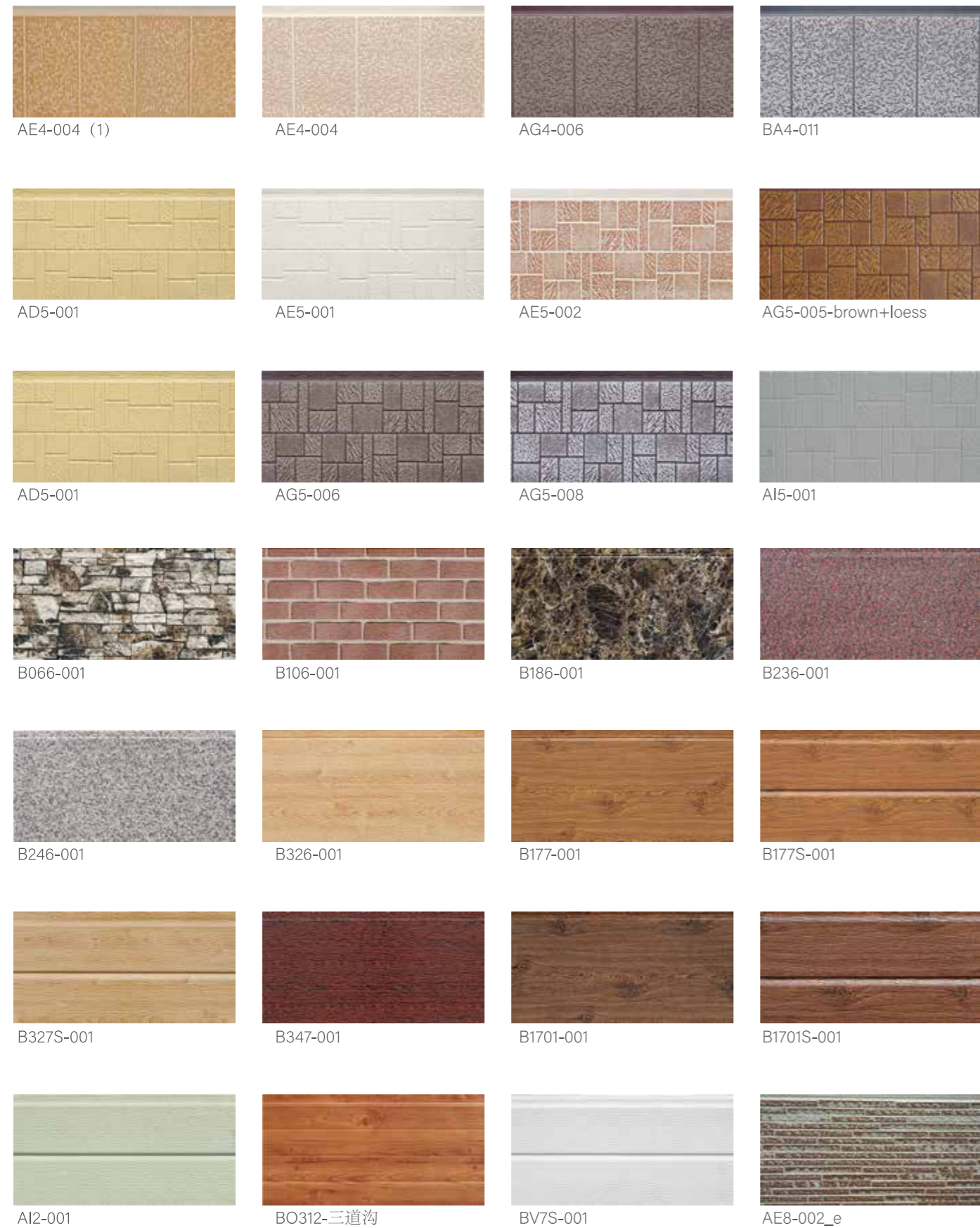
Light weight, high strength, better impact resistance, 1/10 weight than stone material, reducing wall's bearing burden, Dry-hang method won't unaffected by the weather, convenient and efficient.

## Fast Installation



## Project Cases







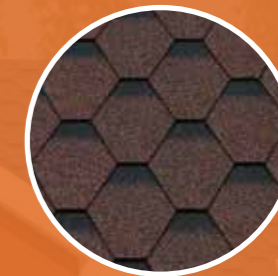
## Asphalt Shingle



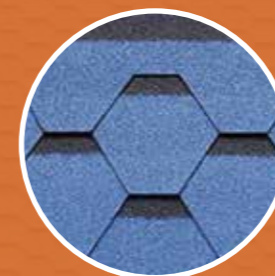
Red



Asian red



Bark Brown



Blue



Grey



Ocean Blue



Onyx Black



Estate Gray



Asain Green

## Details

Length	1000mm	Square meters/bundle	3,1
Width	323mm	Wind Resistance	97Kph
Weight	22kg/bundle	Algae Resistance	Groupe carlac
Thickness	2,7mm	Packing	21pcs/bundle, PE bag with plastic pallet
Warranty	20 years		

# ASA Roofing



## ROYAL 720

Width: 720mm  
Working width: 640mm  
Wave length: 218mm  
Length: Customized

Standard length: 2180/5668mm  
Purline space: 660mm  
Head lap: 218mm (1 wave)  
Thickness: 2.5/3.0mm



## ROYAL 1050

Width: 1050mm  
Working width: 960mm  
Wave length: 218mm  
Length: Customized

Standard length: 2180/5668mm  
Purline space: 660mm  
Head lap: 218mm (1 wave)  
Thickness: 2.5/3.0mm



## ROMA TILE

Width: 1050mm  
Working width: 910mm  
Wave length: 328mm  
Length: Customized

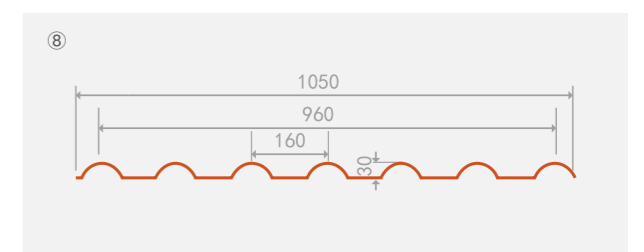
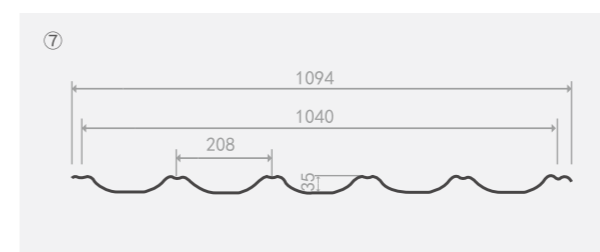
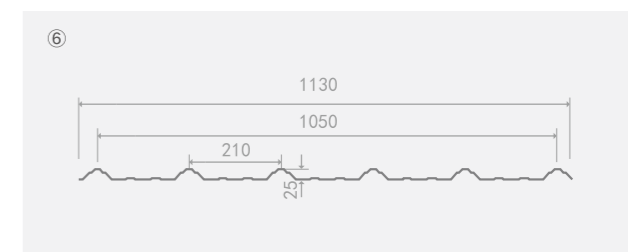
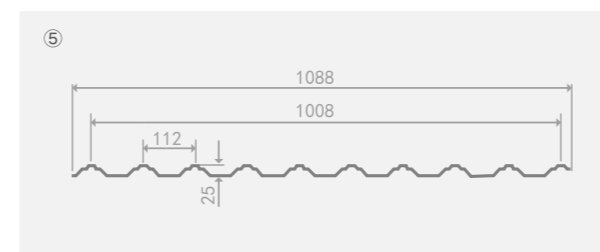
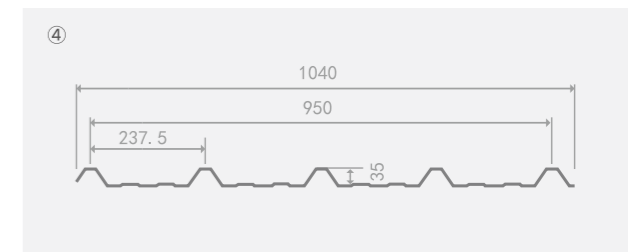
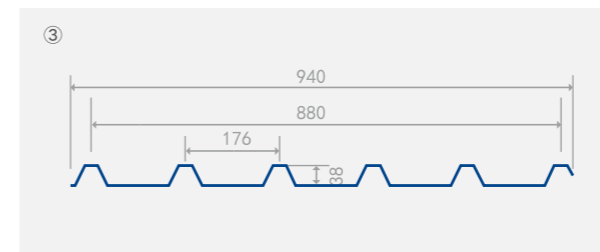
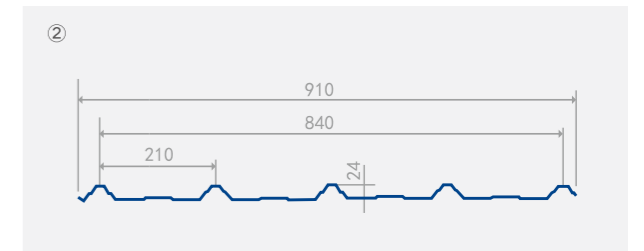
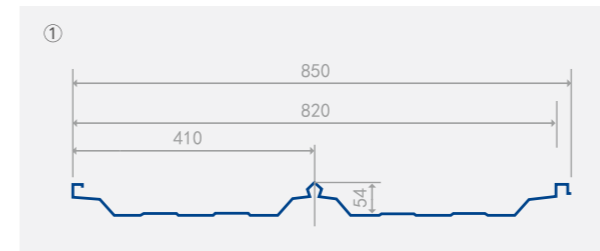
Standard length: 1968/5576mm  
Purline space: 990mm  
Head lap: 328mm (1 wave)  
Thickness: 2.5/3.0mm



## ROYAL 780

Width: Customized  
Working length: 710mm  
Wave length: 236mm  
Length: 780mm

Standard length: 2180mm  
Purline space: 990mm  
Head lap: 328mm (1 wave)  
Thickness: 2.5/3.0mm



# Rockwool Sandwich Panel

Rock wool sandwich panels are made by color filament fibers of rock wool in the core, they are profiled by automated continuous forming machine and adhesive bonded later. They have the excellent fire performance because the color steel plate and rock wool materials are fireproof.

## Roof Panel

Specification						
Thickness (mm)	75	100	120	150	200	
Width	950mm					
Length	customized					
Thermal Conductivity	0,028-0,033 w/m.k					
Heat transfer coefficient(U value)	75mm: 0,37-0,44 W/ m <sup>2</sup> · K		100mm: 0,28-0,33 W/ m <sup>2</sup> · K		150mm: 0,19-0,22 W/ m <sup>2</sup> · K	
Fire rating	Combustible					
Density	40-60 Kg/m					

Fiber glass (glass wool) sandwich panel



## Wall Panel

Specification						
Thickness (mm)	50	75	100	120	150	200
Width	1150mm					
Length	customized					
Thermal conductivity	0,028-0,033 w/m.k					
Heat transfer coefficient(U value)	75mm: 0,37-0,44 W/ m <sup>2</sup> · K		100mm: 0,28-0,33 W/ m <sup>2</sup> · K		150mm: 0,19-0,22 W/ m <sup>2</sup> · K	
Fire rating	Combustible					
Density	40-60 Kg/m					

Rock Wool Sandwich Roof Panel



## Weight Roof Panel

Thickness (mm)	75	100	120	150
Plate Weight(kn/ m <sup>2</sup> )	0,263	0,301	0,338	0,391

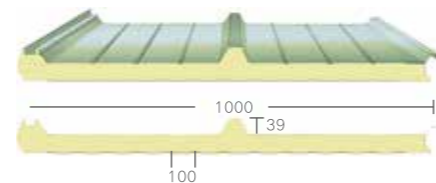
## Weight Wall Panel

Thickness (mm)	50	75	100	120	150	200
Plate Weight(kn/ m <sup>2</sup> )	0,178	0,212	0,236	0,261	0,289	0,352

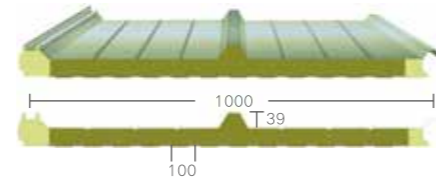
## Heat transfer coefficient

Thickness (mm)	50	75	100	120	150	200
Heat Transfer Coefficient	0,178	0,212	0,236	0,261	0,289	0,352
Kcao/m2.H.C	0,644	0,456	0,353	0,281	0,23	0,181

Rock Wool & PU Edge-sealed Roof Panel



Glass Wool & PU Edge-sealed Roof Panel

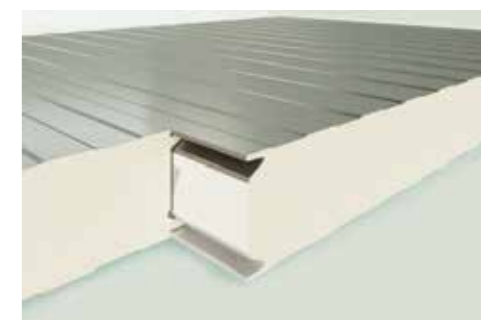
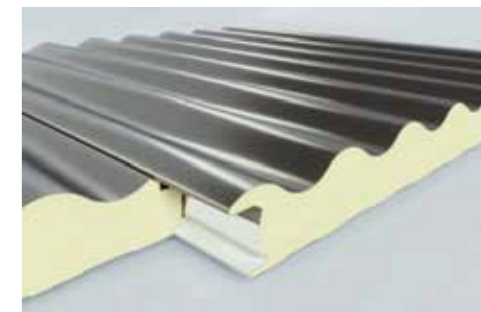
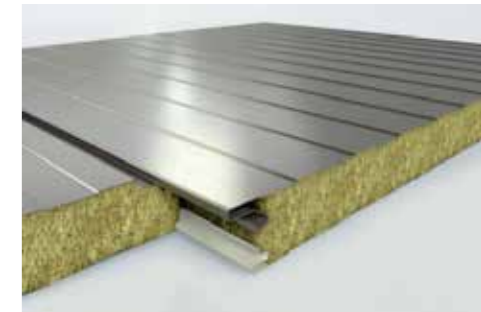
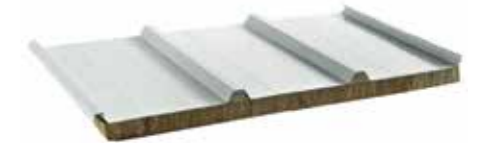


# Sandwich Panel

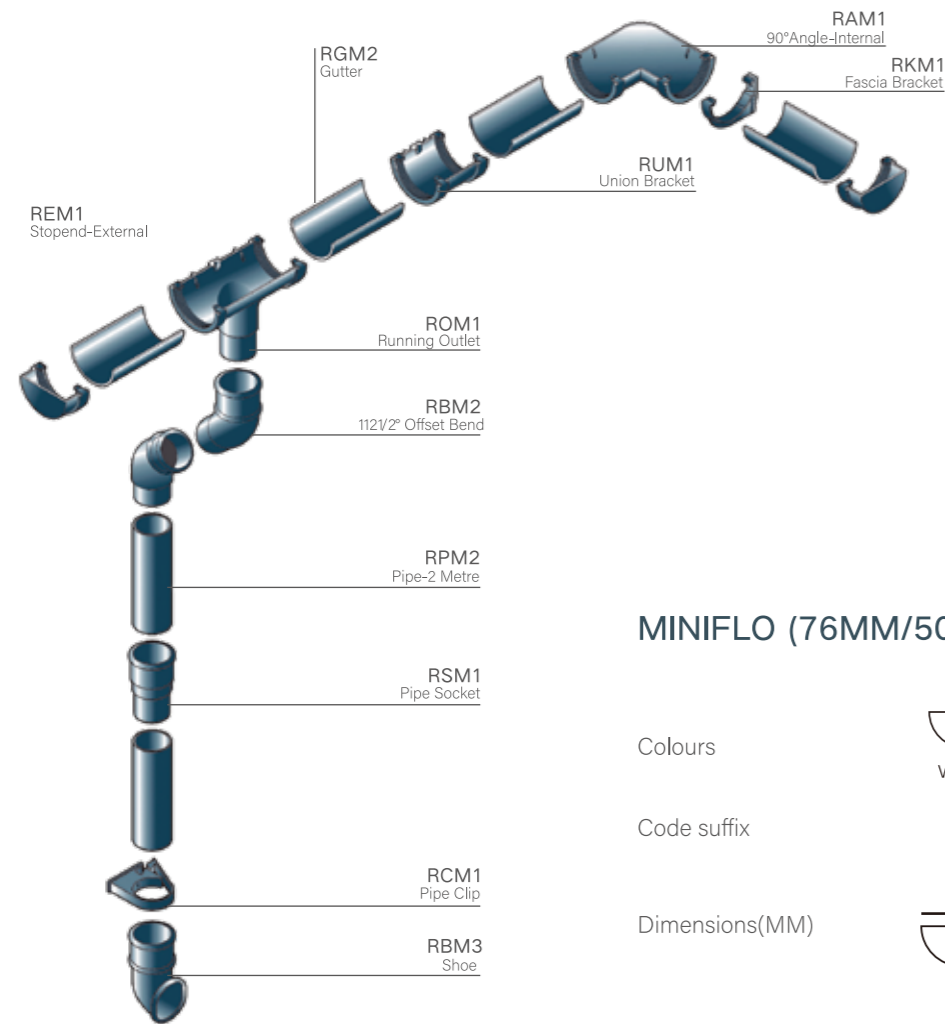
The Maximum Span Of Rock Wool Sandwich Panel(m)(Applicable To Roof)					
Thickness (mm)	75	100	120	150	200
Wind Load(kn/ m <sup>2</sup> )					
0,5	3,6	4,2	4,8	5,5	
1	3,1	3,7	4,3	5,2	
1,5	2,7	3,3	3,8	4,6	
2	2,4	3	3,7	4,3	

The Maximum Span Of Rock Wool Sandwich Panel(m)(Applicable To Wall)						
Thickness (mm)	50	75	100	120	150	200
Wind Load(kn/ m <sup>2</sup> )						
0,5	1,71	2,87	3,61	4,35	5,22	7,21
1	1,36	2,31	2,85	3,41	4,1	5,17
1,5	1,2	2	2,49	3	3,62	5



\*Note: The above table thickness is the thickness of insulation layer.



## 5.2/5.5/5.7 Gutter System



### MINIFLO (76MM/50MM)

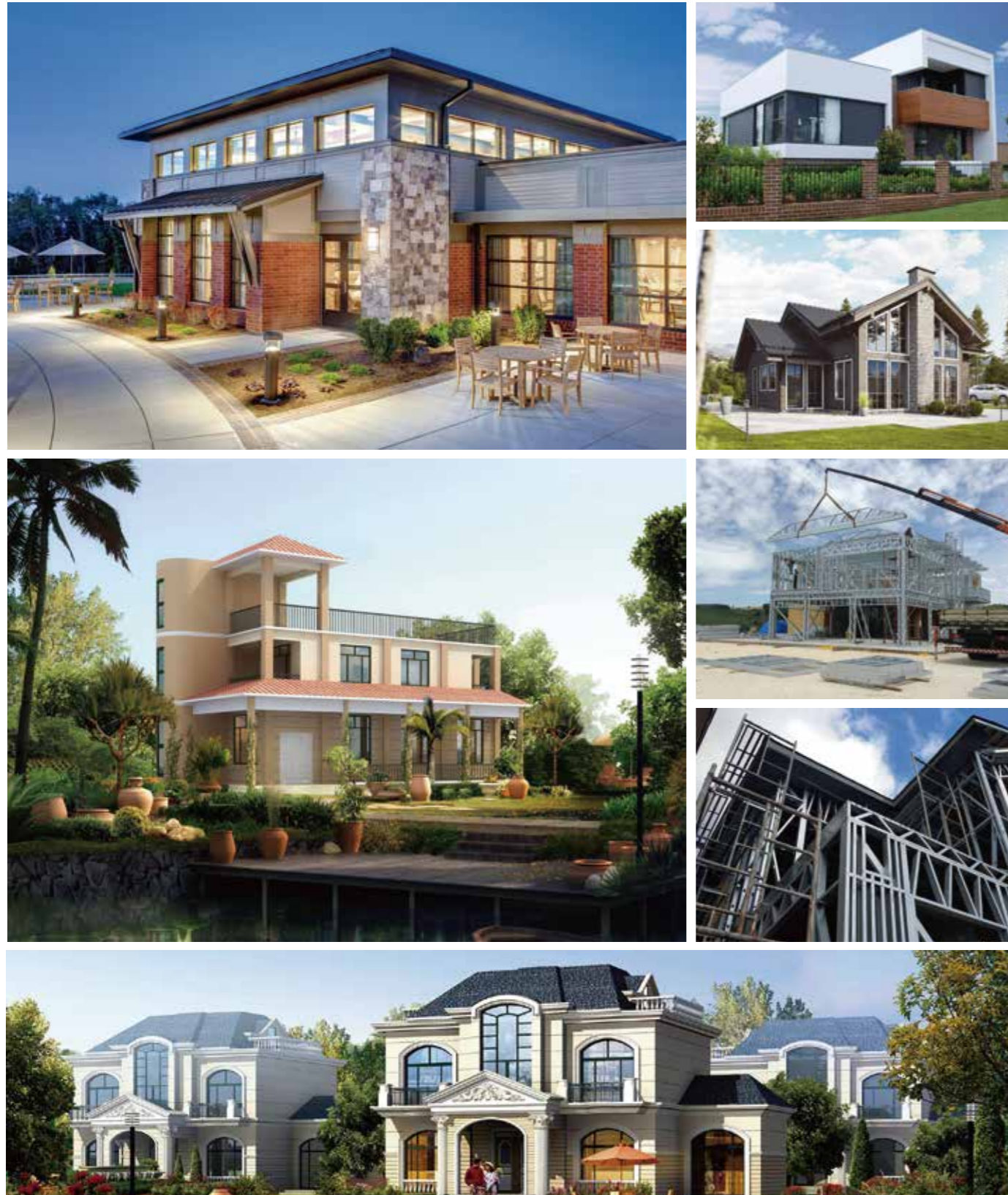
Colours				
	white	Black	Brown	Grey
Code suffix	W	B	BR	G
Dimensions(MM)		38		



## 5.2/5.5/5.7 Gutter System



## Light Weight Steel Residence



## Container House



## Environmental Protection Public Toilet



## Sentry House

