



FOSHAN DUOLONG BUILDING MATERIALS
TECHNOLOGY CO., LTD

HIGH-QUALITY ROOFING BUILDING MATERIALS, PLEASE
CHOOSE US, SAFER, MORE ENVIRONMENTALLY FRIENDLY,
MORE DURABLE, CLEANER, AND PERFECTLY SHAPED!



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DUOLONGTRADE.COM



BUILD
A BRIGHT FUTURE!
**PRODUCT
BROCHURE**



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COMPANY PROFILE

Looking ahead, Duolong Trade will continue to lead innovation and development in the building materials industry, steadily advancing toward its goal of becoming a leading enterprise in the field.

Duolong Building Materials Technology Co., Ltd., located in Foshan Nanhai, is a leading manufacturer of roofing materials in China. We are ISO 9001 certified, with our products insured by Ping An Insurance for quality assurance. Specializing in ASA synthetic resin tiles, PVC plastic tiles, and APVC composite tiles, we offer lightweight, waterproof, durable, and energy-efficient solutions. Our products are widely used in industries like landscaping, factories, warehouses, and greenhouses. We are committed to "Quality First, Integrity at Core," continually improving our research and development and customer service. Our goal is to provide high-quality products and professional solutions, earning the trust of clients both domestically and internationally. Let's work together for a brighter future!

ADVANCED PRODUCTION FACILITIES

- Equipped with multiple automated production lines and advanced equipment such as high-efficiency extrusion and co-extrusion systems, Duolong ensures stable, high-volume supply.
- The factory operates under the 5S management system, enabling lean production processes and quick response to urgent or custom orders with special specifications.

STRICT QUALITY CONTROL

- Every step, from raw materials sourcing to finished product delivery, undergoes multiple inspections including key performance tests such as weather resistance, corrosion resistance, and impact resistance.
- Certified by the ISO 9001 Quality Management System, Duolong regularly conducts internal audit and third-party inspections, aiming for zero-defect products.

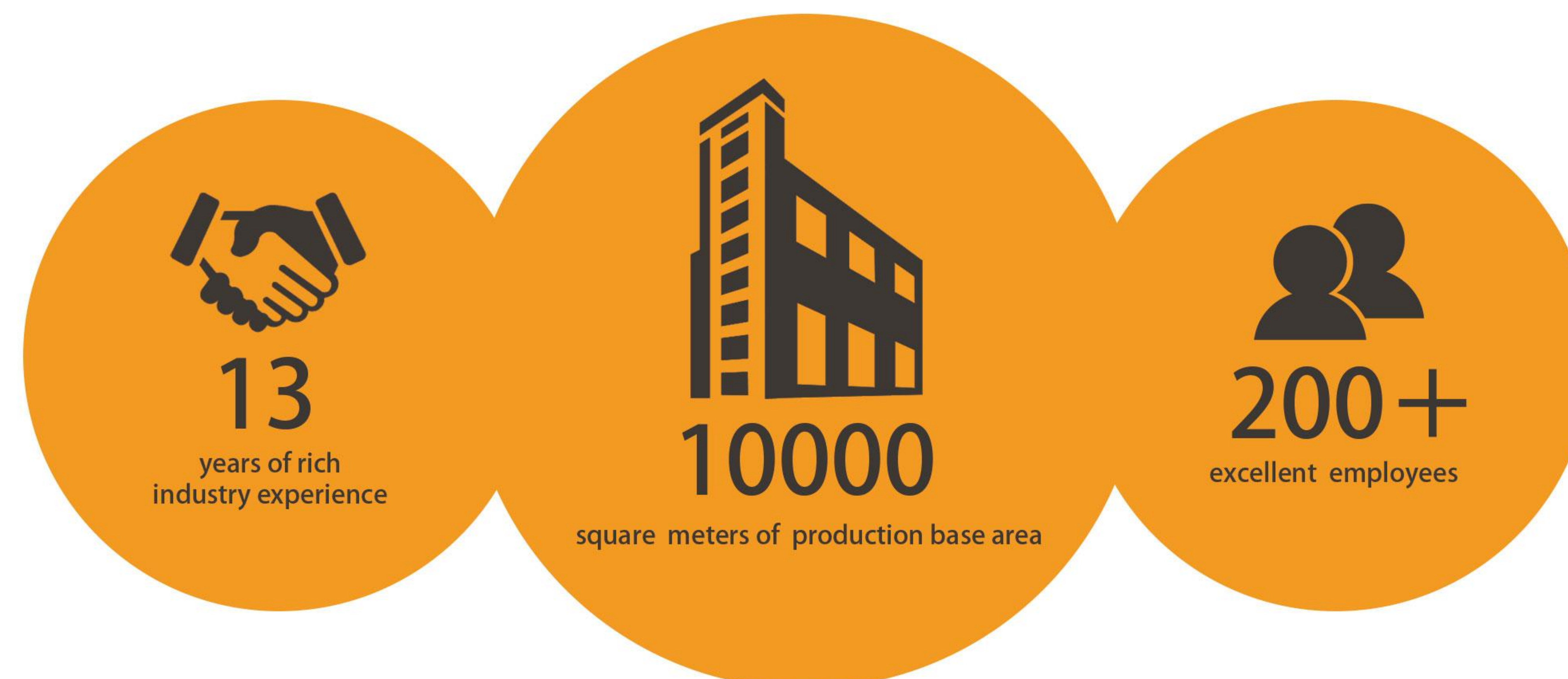
STRONG R&D CAPABILITY

- In-depth cooperation with leading chemical enterprises and university laboratories has resulted in a comprehensive industry-academia-research system.



INTERNATIONAL BUSINESS SUPPORT

- Duolong has extensive experience in cross-border logistics and customs procedures, assisting clients with export documentation, global freight, and customs clearance.
- For overseas projects, the company provides reinforced packaging and container loading solutions to ensure goods remain intact during long-distance transportation.
- A multilingual team is available to serve international clients, promptly handling order requirements and technical inquiries.





HONOR & CERTIFICATION-A MARK OF EXCELLENCE & TRUST

DUOLONG IS DEDICATED TO QUALITY AND INNOVATION, EARNING ISO 9001 CERTIFICATION AND MULTIPLE INDUSTRY HONORS FOR PRODUCT EXCELLENCE AND TECHNOLOGICAL ADVANCEMENT.

OUR ACHIEVEMENTS REFLECT OUR COMMITMENT TO RELIABILITY AND CUSTOMER TRUST. WE WILL CONTINUE TO ENHANCE OUR EXPERTISE AND SERVICES, PROVIDING HIGH-QUALITY, DURABLE BUILDING MATERIALS.

DUOLONG WILL WORK HAND IN HAND WITH YOU TO CREATE BRILLIANCE!



ASA SYNTHETIC RESIN TILE



ASA SYNTHETIC RESIN TILE

PRODUCT INTRODUCTION

Our synthetic resin roof tile is made using advanced one-step co-extrusion (A/B/C) technology, featuring a durable three-layer structure: ASA surface layer, strong core layer, and wear-resistant bottom layer. Designed for extreme weather, it offers long-lasting color, corrosion resistance, and excellent heat stability up to 91°C. Lightweight and easy to install, this tile is ideal for hot and humid climates, and widely used in residential projects, urban upgrades, flat-to-slope renovations, and villa-style buildings. It is a modern roofing solution trusted by governments and developers across Southeast Asia, Africa, and the Middle East.

SERVICE LIFE

The thicker the tile, the more durable it is.
New materials offer longer durability.

- 2.0mm : approx 10 years
- 2.5mm : approx 25 years
- 3.0mm : approx 40 years

PRODUCT CHARACTERISTICS

Outstanding load-bearing capacity, excellent low-temperature performance, antique appearance, lightweight, high strength, waterproof and moisture-proof, corrosion and fire resistance, as well as superior sound and heat insulation.

MAIN RAW MATERIAL

PVC resin powder (can be partially replaced by recycled plastic, steel pipes, or other cost-effective alternatives to reduce cost and improve quality), ASA film, calcium carbonate, a small amount of processing aids; CPE stabilizer, PE wax, stearic acid. Pigments for color adjustment: titanium dioxide, carbon black. Additives for improved performance: processing aids and plasticizers.





Brick red



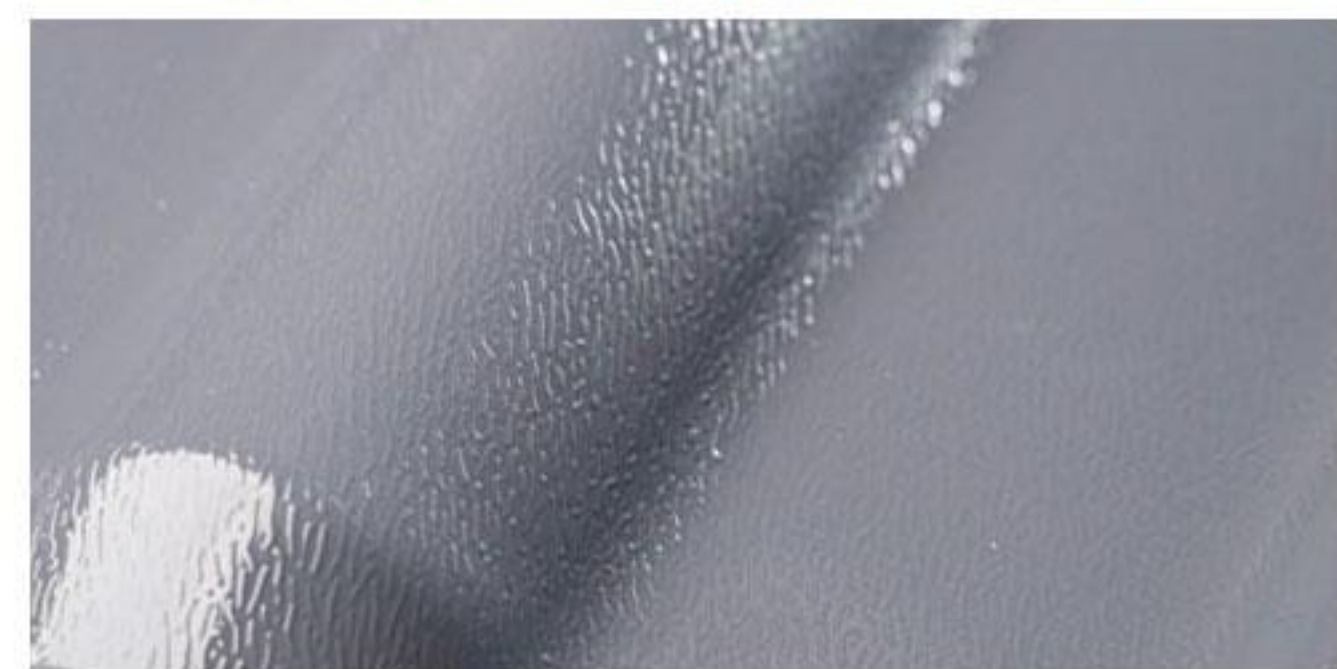
Blue



Crimson



brownish red



silver



dark green

**Customized
colors are available**

SCOPE OF APPLICATION

Flat slopes, villas, garden pavilions,
factories, warehouses, carports,
farmers' markets, balconies, thermal
insulation sheds and other roofing
fields

PRODUCT SPECIFICATIONS

Thickness: 2.5mm, 3.0mm

Length: Customized by multiples of any pitch

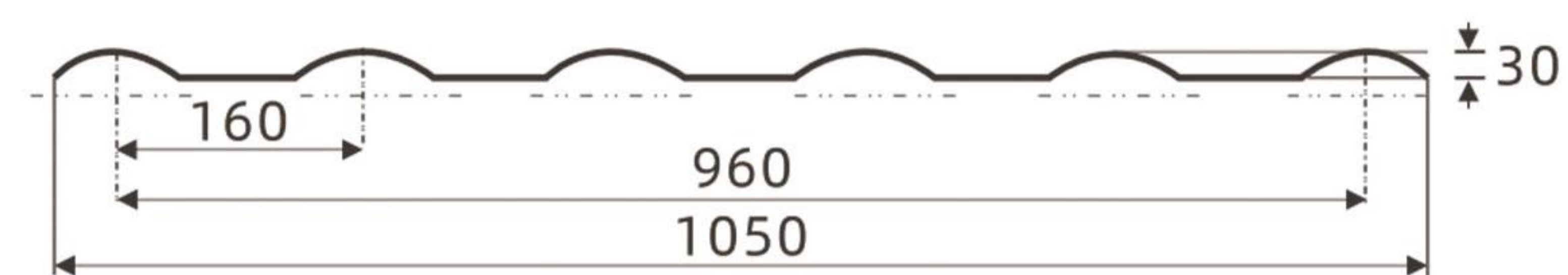
Tile width: 1050mm

Effective width: 960mm

Wave distance: 160 mm

Wave height: 30 mm

Pitch: 219mm



ASA SYNTHETIC RESIN TILE ACCESSORIES LIST



NAME: MAIN TILE
SPECIFICATION:
WIDTH 1050MM
EFFECTIVE WIDTH 960MM



NAME: RIDGE TILE
SPECIFICATION:
WIDTH 1050MM
EFFECTIVE LENGTH 960MM



NAME: SQUARE - TOP RIDGE TILE
SPECIFICATION:
WIDTH 1050MM
EFFECTIVE WIDTH 960MM



NAME: HIP TILE
SPECIFICATION:
LENGTH 1050MM
EFFECTIVE LENGTH 1020MM



NAME: VINTAGE DRIP PLATE
SPECIFICATION:
LENGTH 1050MM
EFFECTIVE LENGTH 960MM



NAME: 100 - TYPE DRIP PLATE
SPECIFICATION:
LENGTH 1050MM
EFFECTIVE LENGTH 960MM



NAME: 120° VERT. WALL FLASHING
SPECIFICATION:
WIDTH 1050MM
EFFECTIVE WIDTH 960MM



SQUARE-TOP HIP RIDGE TILE
SPECIFICATION:
LENGTH: 1050MM
EFFECTIVE LENGTH: 1020MM



NAME: L/R EAVES BOARD
SPECIFICATION:
EFFECTIVE LENGTH 1090MM
WIDTH 150MM×98MM



NAME: HIP TILE END CAP
SPECIFICATION: LENGTH 300MM
PURPOSE:
USED FOR HIP ROOF RIDGES



NAME: SQUARE - TOP HIP END CAP
SPECIFICATION: LENGTH 310MM
PURPOSE:
USED FOR HIP ROOF RIDGES



NAME: TEE JOINT
SPECIFICATION:
300MM×240MM×240MM
PURPOSE: CONNECT ROOF RIDGES



NAME: CROSS JOINT
SPECIFICATION: 180MM
PURPOSE:
CONNECT ROOF RIDGES



NAME: HIP RIDGE END
SPECIFICATION: 250MM×400MM
PURPOSE:
EAVES CORNER OF THE ROOF RIDGE



NAME: EAVES CORNER
SPECIFICATION: 450MM×450MM
PURPOSE:
EAVES CORNER OF THE ROOF RIDGE



NAME: ASA GOURD
SPECIFICATION: 380MM×240MM
PURPOSE:
USED FOR ROOF DECORATION.



NSME:GABLE TRIM - 90°
SPECIFICATION:LENGTH: 1000MM
PURPOSE:USED TO COVER AND
PROTECT THE GABLE EDGE OF THE ROOF.



NSME:135° VALLEY GUTTER FLASHING
SPECIFICATION:LENGTH: 1000MM
PURPOSE:DORMER VALLEY FLASHING
GUIDES WATER FLOW AT ROOF JUNCTIONS.



NSME:LEFT/RIGHT SIDE GABLE FLASHING
EFFECTIVE LENGTH: 1090 MM
WIDTH: 150 MM × 98 MM
PURPOSE:GABLE SIDE FLASHING
GUIDES WATER OFF THE ROOF.



NSME:SQUARE RIDGE END CAP
SPECIFICATION:LENGTH: 320MM
WIDTH: 100 HIGH: 330
PURPOSE:USED TO COVER THE END OF
THE MAIN RIDGE ON A FLAT-TOP ROOF.

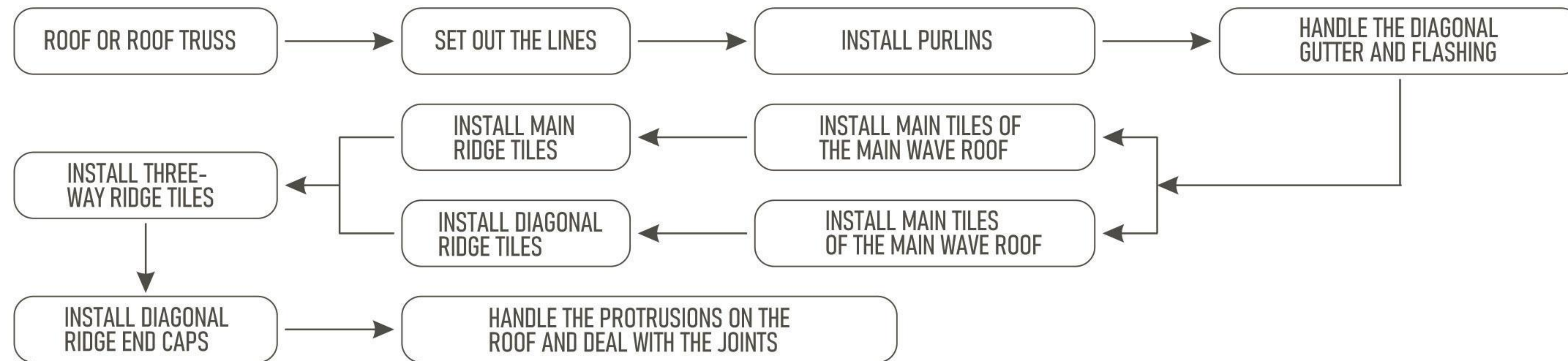


NSME:RIDGE CAP END
SPECIFICATION:LENGTH: 300
WIDTH: 90 HIGH: 220
PURPOSE:USED TO COVER THE END
OF THE MAIN ROOF RIDGE.



INSTALLATION PRECAUTIONS OF THE PRODUCT

INSTALLATION PROCESS FLOW



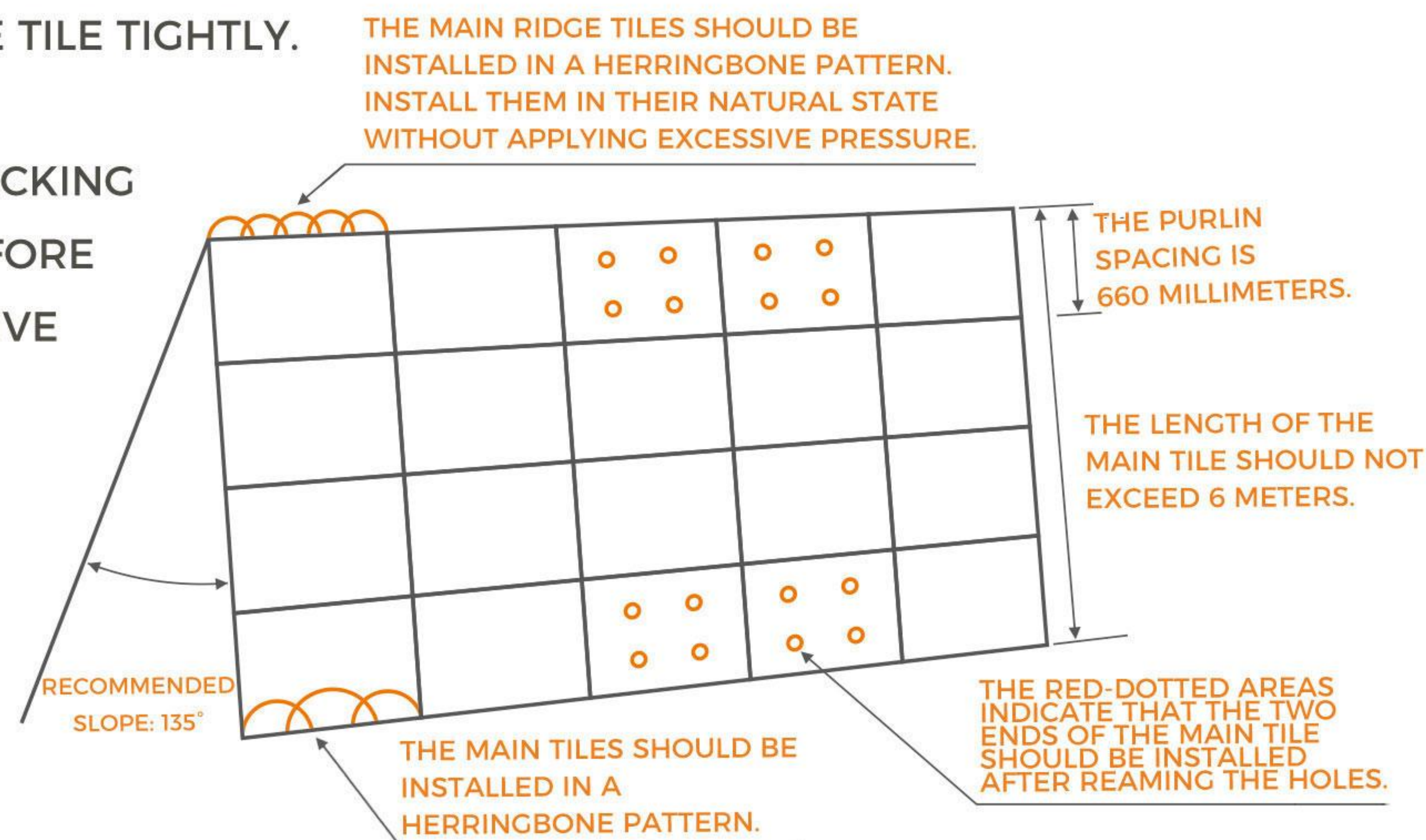
1.THE LENGTH OF THE MAIN TILE SHOULD NOT EXCEED 6 METERS, AND THE PURLIN SPACING SHOULD BE 660MM TO ENSURE THAT THE TILE SURFACE IS FLAT AFTER INSTALLATION.

2.WHEN DRIVING NAILS, IT IS NECESSARY TO REAM THE HOLES. AT LEAST TWO ROWS OF HOLES SHOULD BE REAMED AT EACH END OF THE TILE TO ENSURE THAT THE TWO ENDS OF THE TILE WILL NOT BE CRACKED DUE TO THERMAL EXPANSION AND CONTRACTION.

3. WHEN DRIVING NAILS, DO NOT PRESS THE TILE TIGHTLY. JUST PRESS IT GENTLY.

4.TO PREVENT MAIN RIDGE TILES FROM CRACKING AFTER INSTALLATION, REAM THE HOLES BEFORE DRIVING NAILS AND DO NOT APPLY EXCESSIVE PRESSURE. INSTALL THE MAIN RIDGE TILE IN ITS NATURAL STATE.

5. IT IS RECOMMENDED THAT THE SLOPE BE 135°, AND THE MAIN TILES AND ACCESSORIES SHOULD BE INSTALLED IN A HERRINGBONE PATTERN.





ASA PARK TILE

PRODUCT CHARACTERISTICS

EXCELLENT LOAD-BEARING CAPACITY

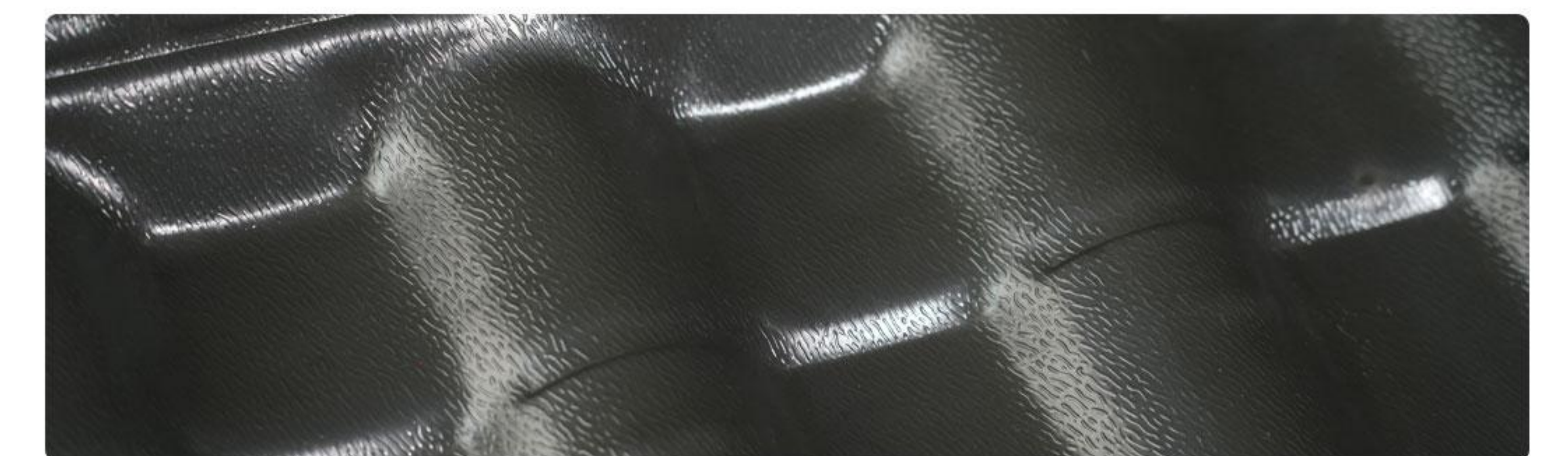
In regions with low temperatures, even with long-term accumulation of snow on the roof, the surface will not crack or become damaged.

COLOR RETENTION

Made from high-weather-resistant engineered resin, the material maintains color stability and strong adhesion even under harsh conditions such as intense summer sunlight.

GOOD SOUND INSULATION

When exposed to external noise disturbances like heavy rain and strong wind, resin tiles offer excellent sound absorption performance.



ASA PARK TILE



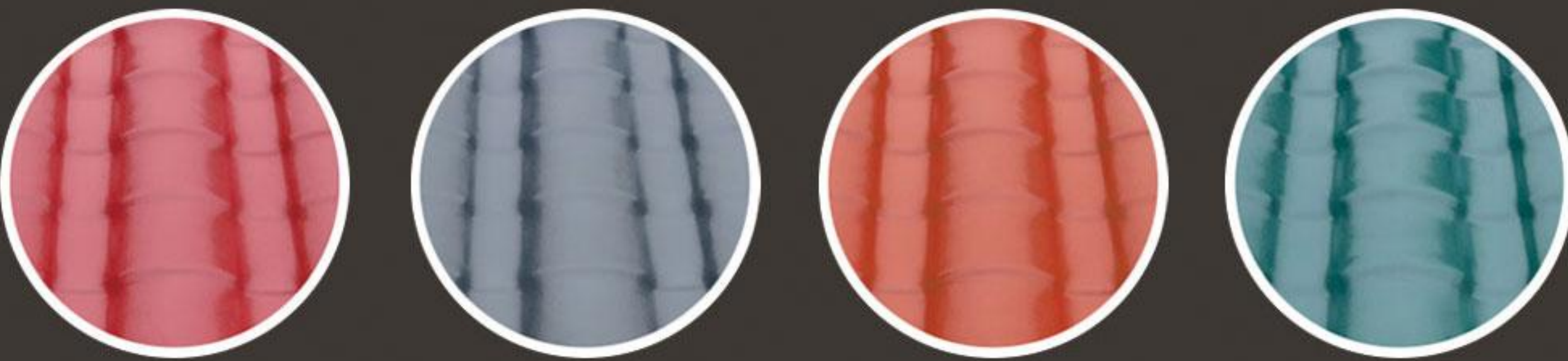
PRODUCT SPECIFICATIONS

Thickness: 2.5mm, 3.0mm
Length: Customized as a multiple of any pitch
Tile width: 1080mm
Effective width: 960mm
Wave pitch: 160mm
Wave height: 30mm
Pitch: 250mm




SCOPE OF APPLICATION

Reconstruction of new rural areas, construction of platforms and towers, pavilions and corridors, as well as various ancient garden buildings.




Colors can be customized.


ASA PARK TILE




NAME: DRIP PLATE
SPECIFICATION: 1100MM×150MM
PRACTICAL SIZE: 960MM




SQUARE-TOP RIDGE
SPECIFICATION: 1100MM×460MM
PRACTICAL SIZE: 960MM




NAME: DOME RIDGE TILE
SPECIFICATION: 1100MM×460MM
PRACTICAL SIZE: 960MM




NAME: SQUARE - TOP SLOPING RIDGE TILE
SPECIFICATION: 360MM×330MM




NAME: EAVES BOARD
SPECIFICATION: 360MM×330MM
USAGE: FOR SLOPING RIDGES



NAME: SQUARE - TOP RIDGE TILE END CAP
SPECIFICATION: LENGTH: 320MM
WIDTH: 100MM / HEIGHT: 330MM

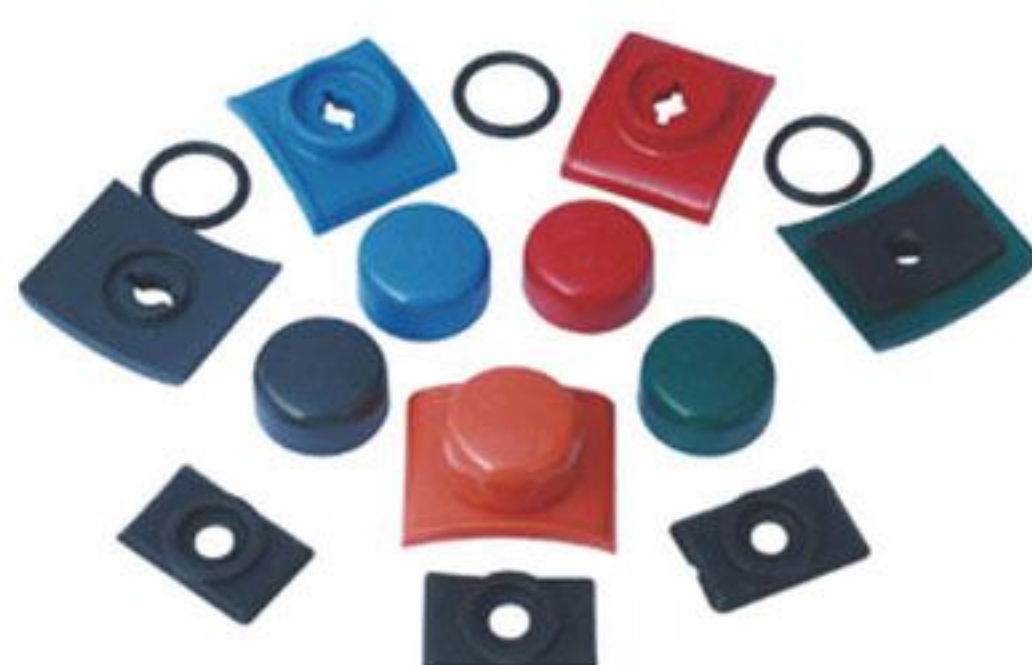



NAME: SQUARE - TOP SLOPING RIDGE TILE END CAP
SPECIFICATION: LENGTH: 310MM



NAME: TEE
SPECIFICATION: 150MM×330MM
USAGE: CONNECT ROOF RIDGES

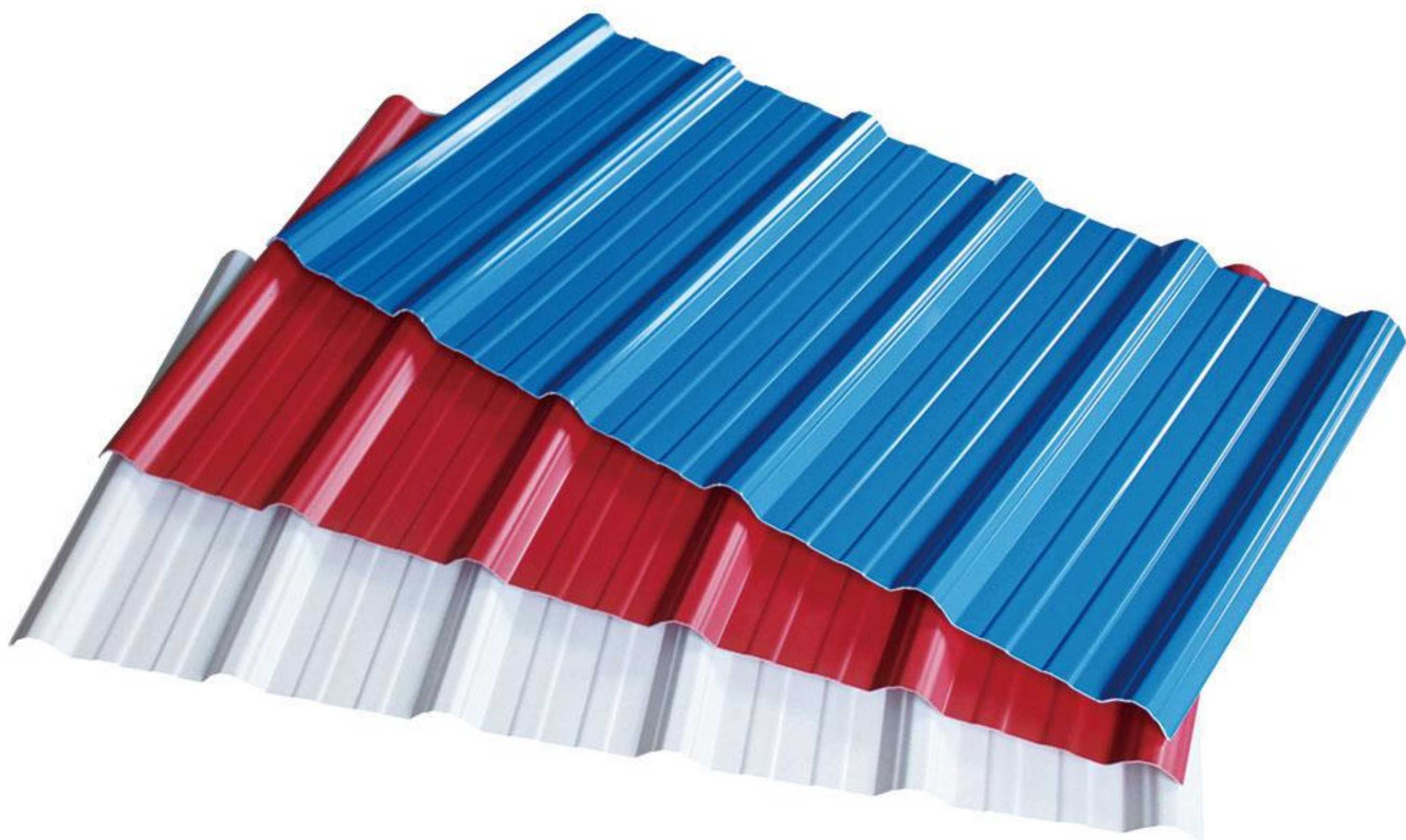
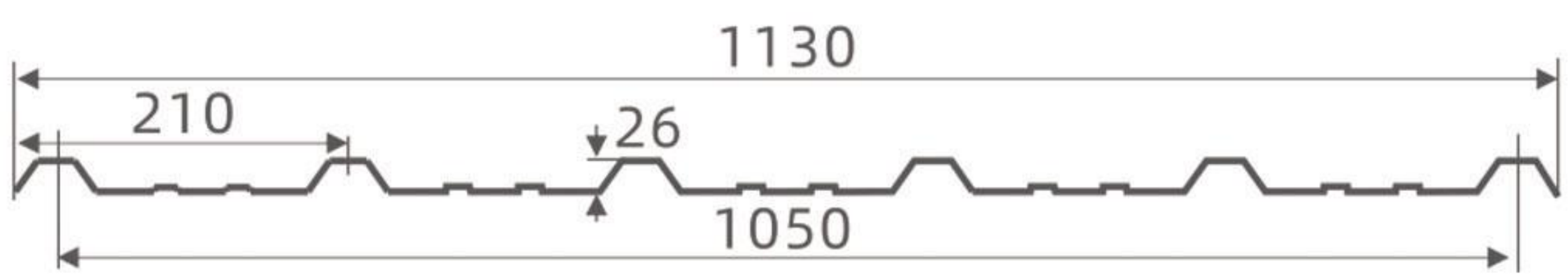
WATERPROOF SCREW FITTINGS

NAME	SPECS	USAGE	REAL OBJECT PICTURE
SEALING CAP	24×10MM	SPECIALLY FOR SEALING OF WATERPROOF FITTINGS	 WHEN INSTALLING THIS SCREW, YOU NEED TO EXPAND THE HOLE AND THEN DRIVE THE SCREW IN.
SEALING COVER	36×30MM		
SEALING RING	17.5×2.5MM		
SELF-TAPPING SCREW	ST5.5×75MM	SPECIALLY FOR INSTALLING TILES ON STEEL STRUCTURE ROOFS	 NEW WATERPROOF FITTINGS: SPECIALLY-MADE SELF-REAMING WATERPROOF FITTINGS FOR RESIN TILES. THE WATERPROOF PLATFORM IS HIGHER, PROVIDING BETTER WATERPROOF PERFORMANCE. THE ONE-PIECE INSTALLATION IS MORE CONVENIENT. WHEN INSTALLING THIS KIND OF SCREW, YOU CAN DIRECTLY DRIVE IN THE NAIL WITHOUT REAMING THE HOLE.
WOOD SCREW	5.5×100MM	SPECIALLY FOR INSTALLING TILES ON WOODEN STRUCTURE ROOFS	

APVC ANTICORROSIVE COMPOSITE TILE

PRODUCT SPECIFICATIONS

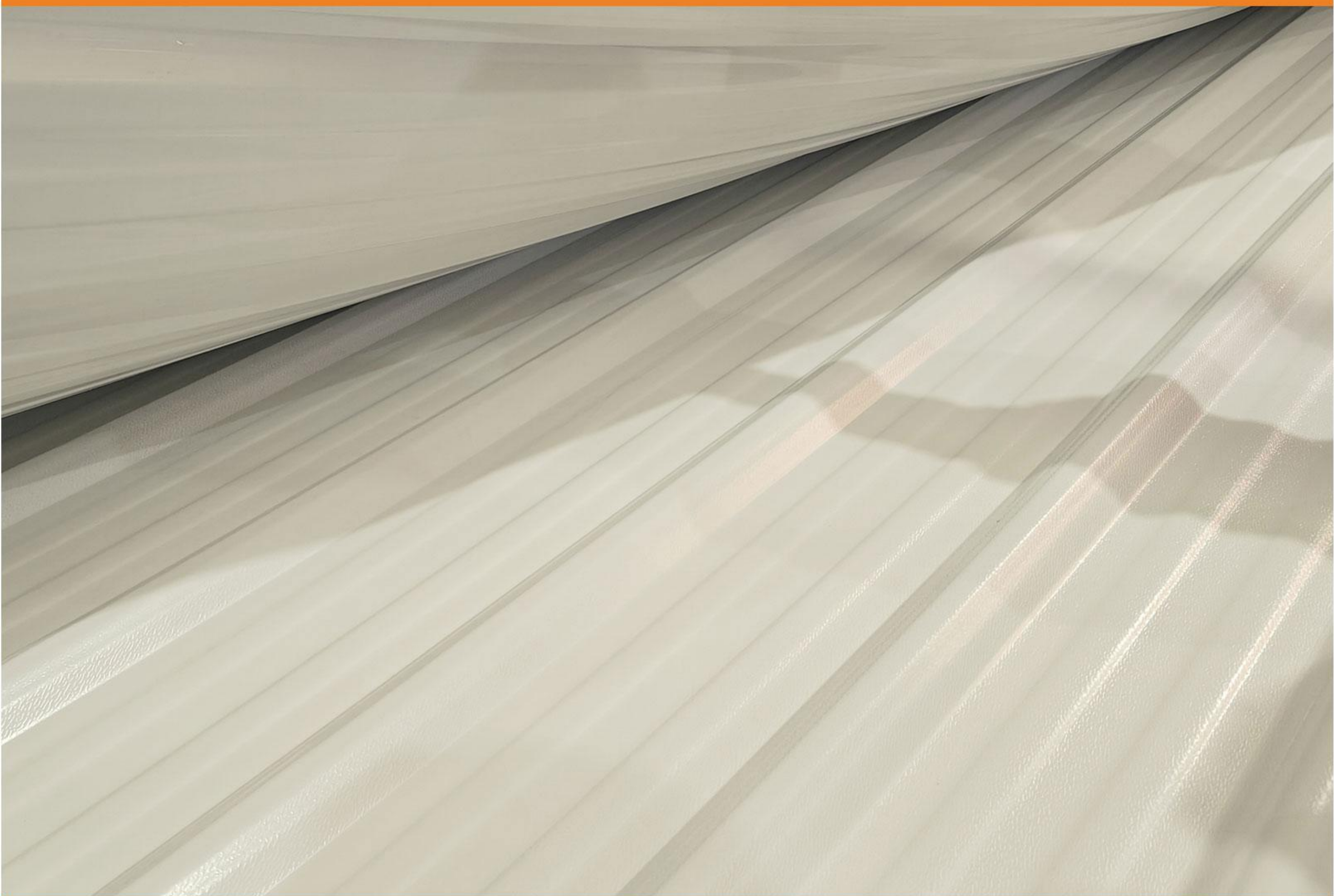
Thickness: 1.5mm, 1.8mm, 2.0mm, 2.5mm, 3.0mm
Length: Can be customized according to customer requirements
Tile Width: 1130mm
Effective Width: 1050mm



SCOPE OF APPLICATION

Suitable for high-end factory buildings, steel - structure buildings, warehouses, farmers' markets, market walkways, carports. Ideal for corrosive industrial settings like chemical, smelting, ceramic, soy sauce, fertilizer, dyeing, organic solvent, acid/alkali production facilities

ANTICORROSIVE



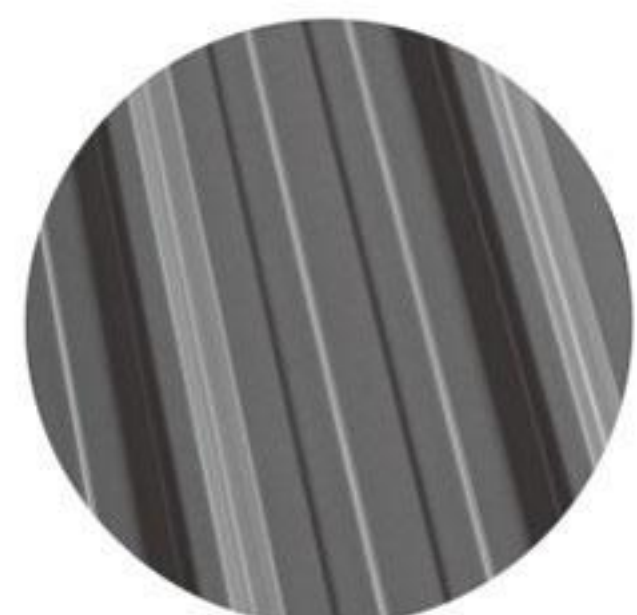
Blue



Brick red



green

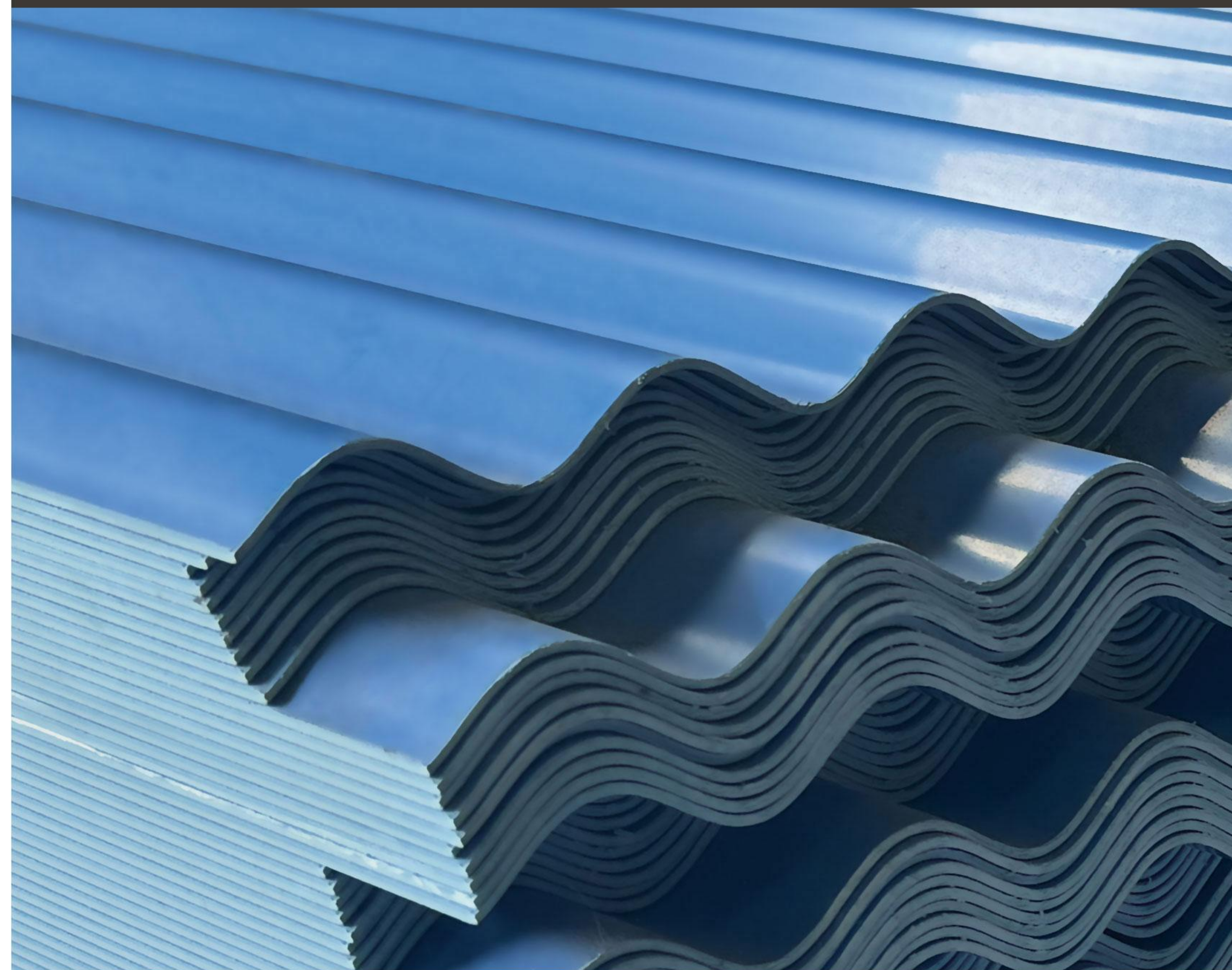
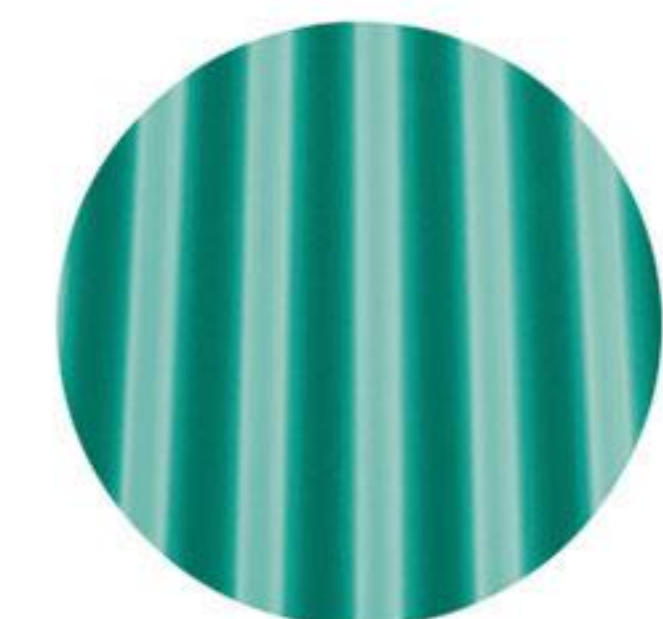
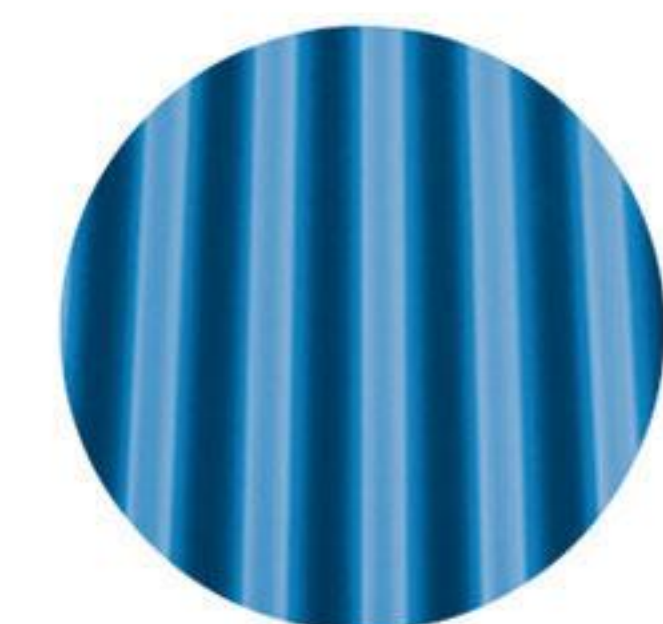


grey



Crimson

PVC PLASTIC TILE



APPLICABLE RANGE

High - end roofing materials for steel
- structure factories, farmers'
markets, warehouses, high - end
factory buildings, market passage-
ways, carports, etc.

PRODUCT SPECIFICATIONS

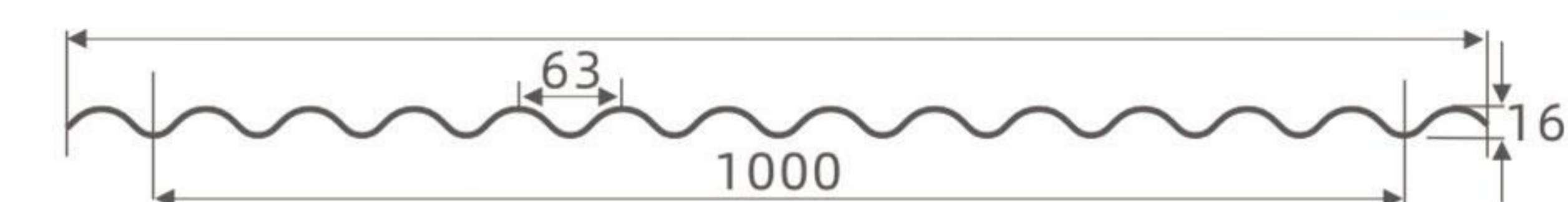
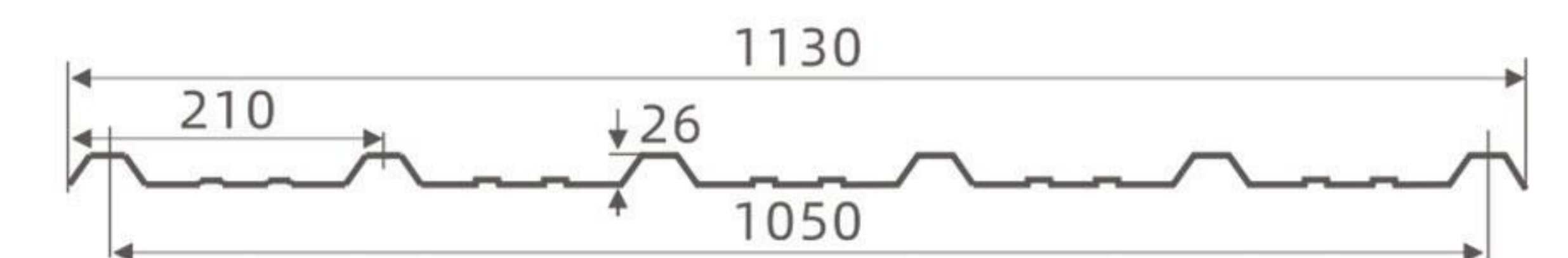
Thickness: 1.0mm, 1.3mm, 1.5mm,
1.8mm, 2.0mm, 2.5mm, 3.0mm
Length: Customizable according to
customer requests
Tile width: 1130mm



WAVE TYPE



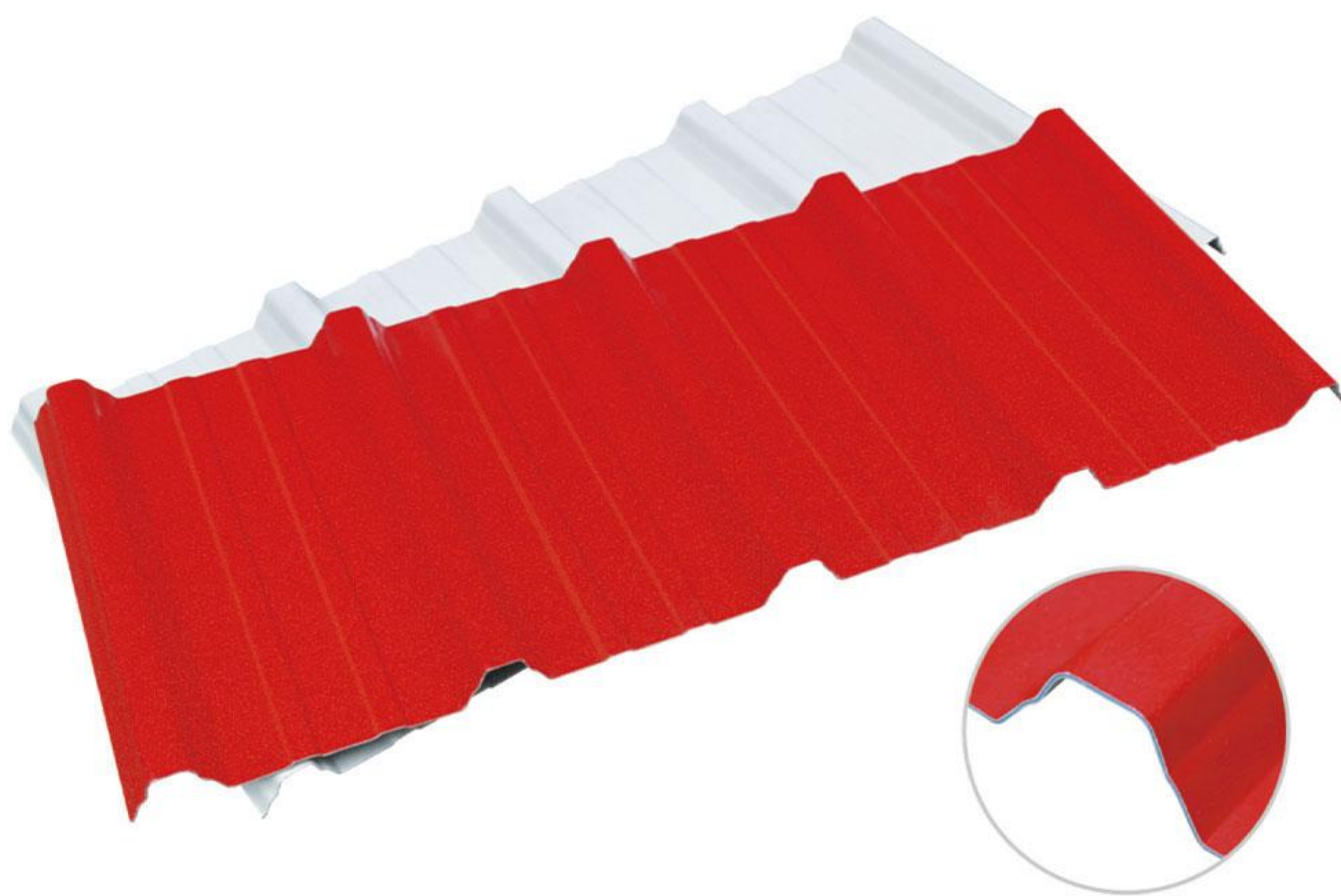
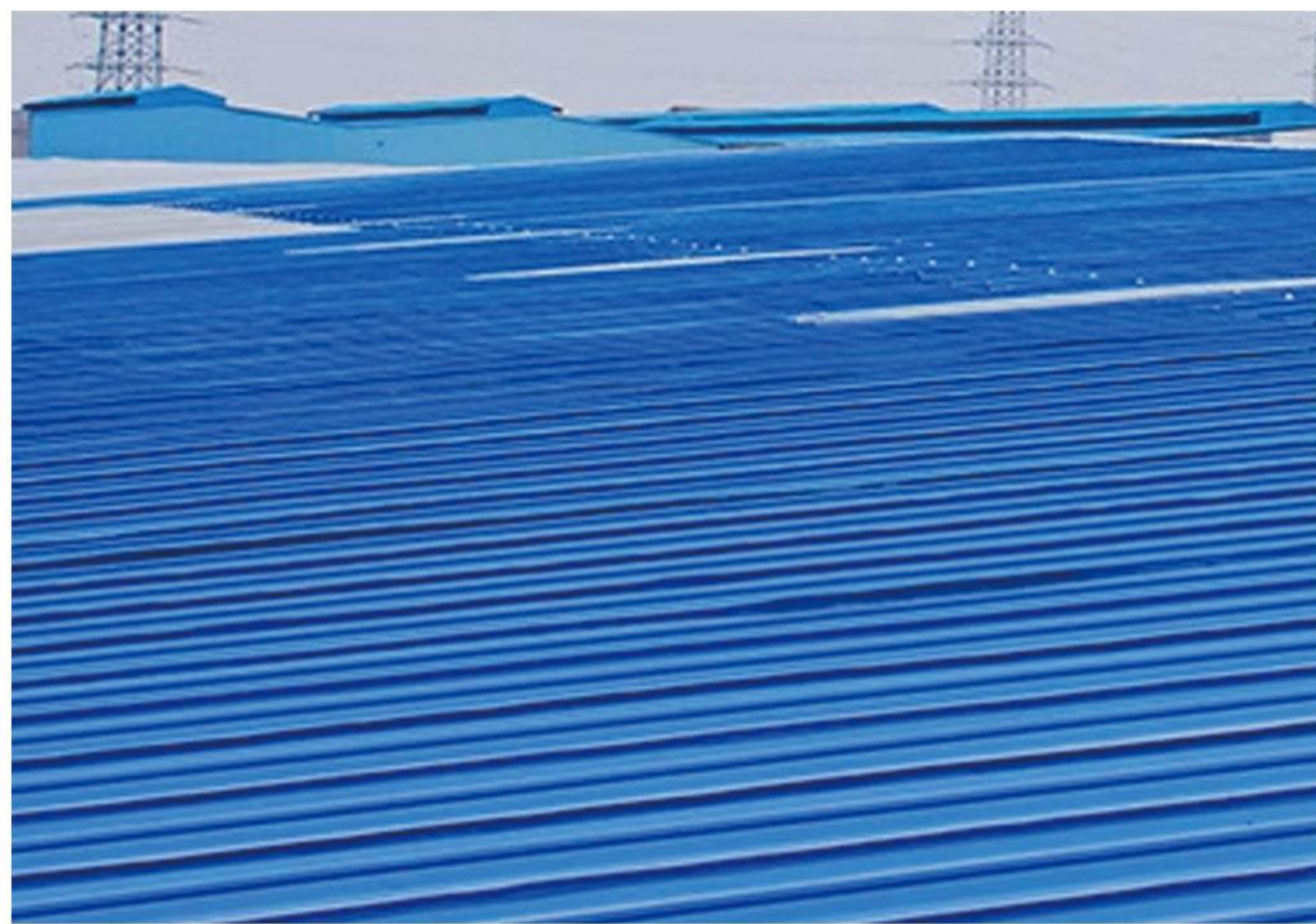
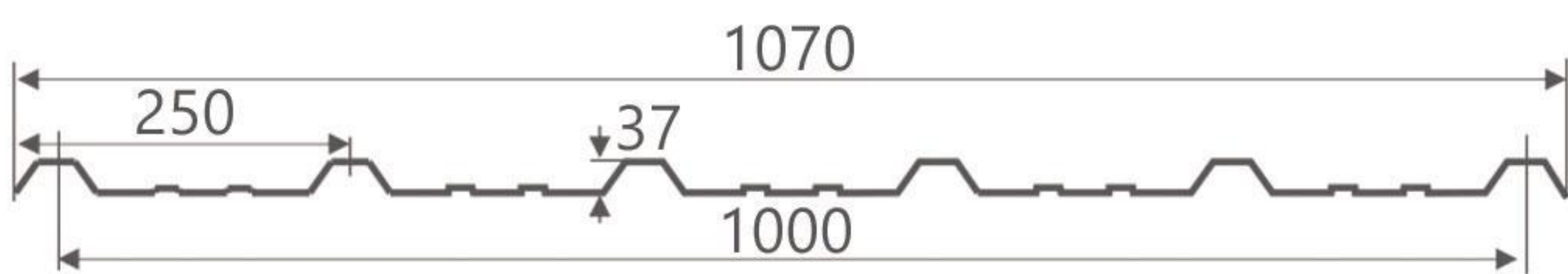
TRAPEZOID



ASA WEATHERPROOF COMPOSITE TILE

PRODUCT SPECIFICATIONS

Thickness: 1.5mm, 1.8mm, 2.0mm, 2.5mm, 3.0mm
Length: Customizable according to customer requirements
Tile width: 1070mm
Effective width: 1000mm



SCOPE OF APPLICATION

It is applicable to steel-structure factories, farmers' markets, warehouses, high-end factory buildings, market passageways, carports, etc. It has a better application effect when used in factories with acid and alkali corrosiveness, such as ceramic factories, chemical plants, dyeing and bleaching factories, smelting factories, fertilizer factories, etc.

COMPOSITE TILE



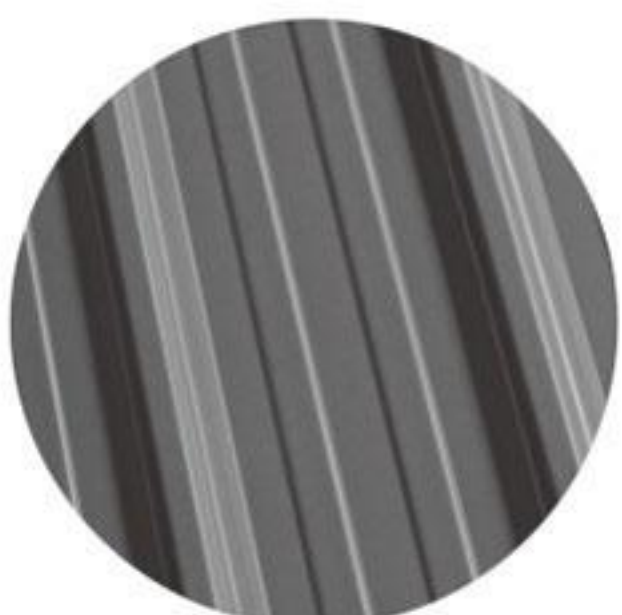
white



Brick red



green



grey



Crimson

FRP CLEAR TILE



TRANSPARENT



TRANSLUCENT



MILKY WHITE



YELLOW



BLUE



GREEN



FRP CLEAR TILE

PRODUCT INTRODUCTION

FRP (Fiberglass Reinforced Polyester) anti-corrosion daylight roofing sheet is a translucent roofing product made from non-alkali fiberglass and reinforced polyester resin. It incorporates high-performance anti-aging films (or coatings), curing agents, and various additives, and is formed through continuous mechanized production.

Due to its glossy appearance, high light transmittance, corrosion resistance, weather resistance, and ease of installation, it is widely favored by users. The service life can reach up to 20-30 years. These sheets are extensively used in applications such as greenhouse roofs, industrial plants, and residential buildings. They are also ideal for wall daylighting, solar water heater covers and bases, and any other setting where light transmission and long-term performance are required.

SERVICE LIFE

The thicker the tile, the more durable it is.
New materials offer longer durability.

- 0.8mm: 3-5 years
- 1.0mm: 5-8 years
- 1.2mm: 8-10 years
- 1.5mm: 10-12 years
- 2.0mm: 12-15 years
- 2.5mm: 15-20 years
- 3.0mm: Approximately 20 years



PRODUCT CHARACTERISTICS

Engineered for durability and performance, our products feature outstanding resistance to corrosion, aging, and acidic environments. With a long service life and lightweight structure, they are easy to transport and install. The materials offer excellent light transmission and maintain structural stability under thermal expansion and contraction.

They are built to withstand high wind pressure, heavy snow loads, and hail impact. Aesthetic appeal is enhanced by a bright surface and a wide range of color options. Exceptional insulation properties and diverse models and specifications make our products suitable for a variety of architectural and industrial applications.

MAIN RAW MATERIAL

The light-transmitting component is made of resin and fiberglass. FRP daylight panels are composed of reinforced fiber materials such as glass fiber, carbon fiber, and aramid fiber. These fibers are combined with a base material and processed through techniques such as molding, extrusion, or pultrusion to form a composite material.



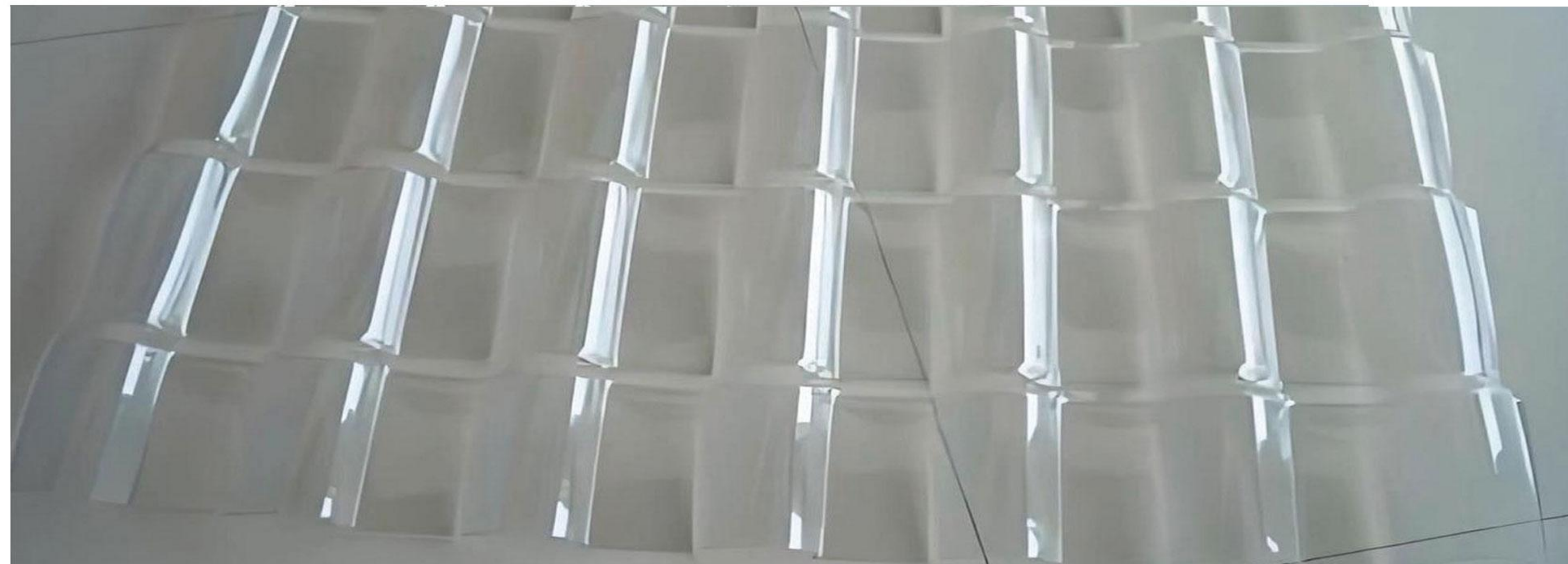
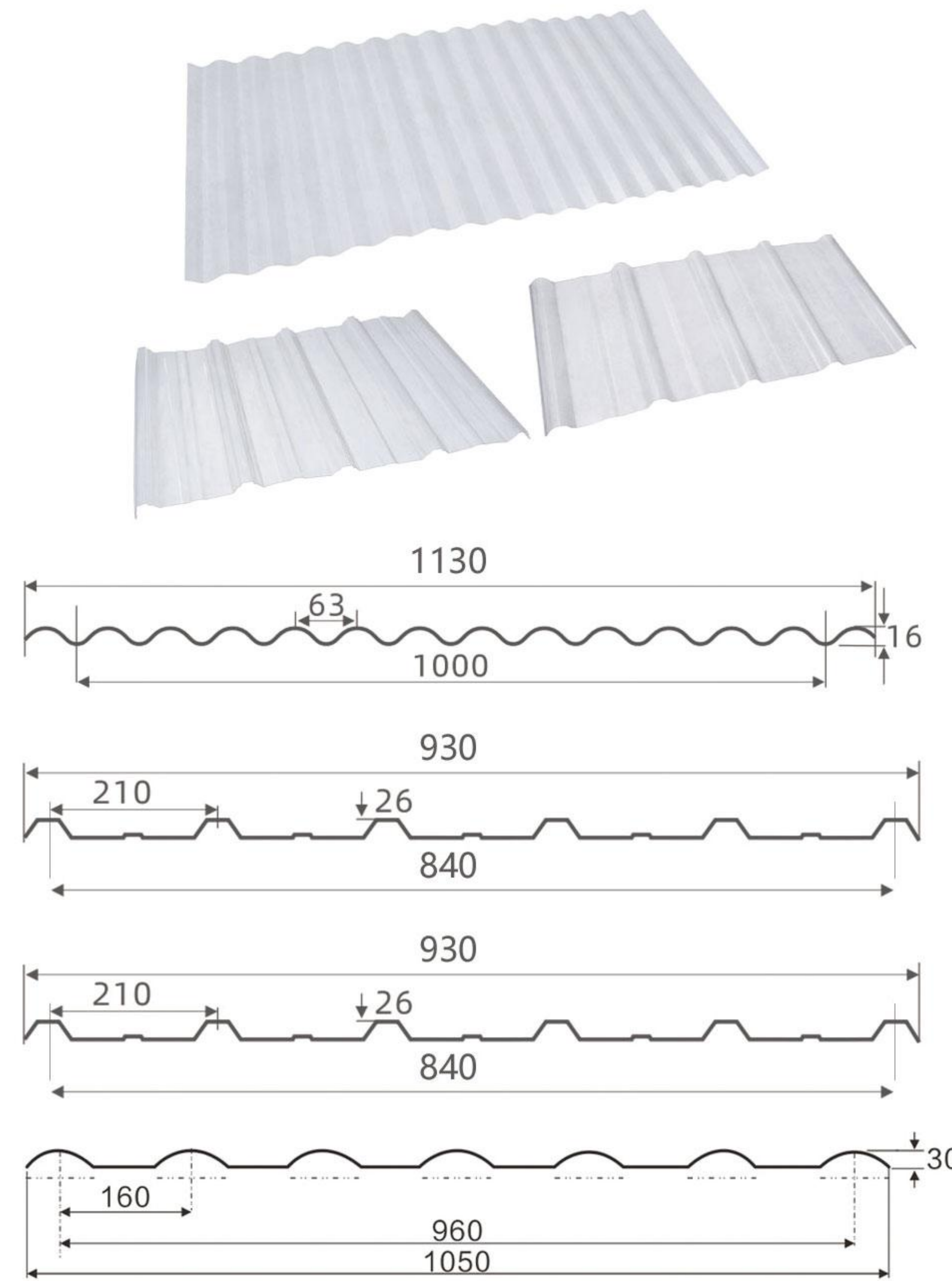
APPLICABLE RANGE

It shows particularly remarkable effects when used in corrosive factories such as ceramic factories, chemical plants, dyeing and bleaching plants, smelting plants, and fertilizer plants.

PRODUCT SPECIFICATIONS

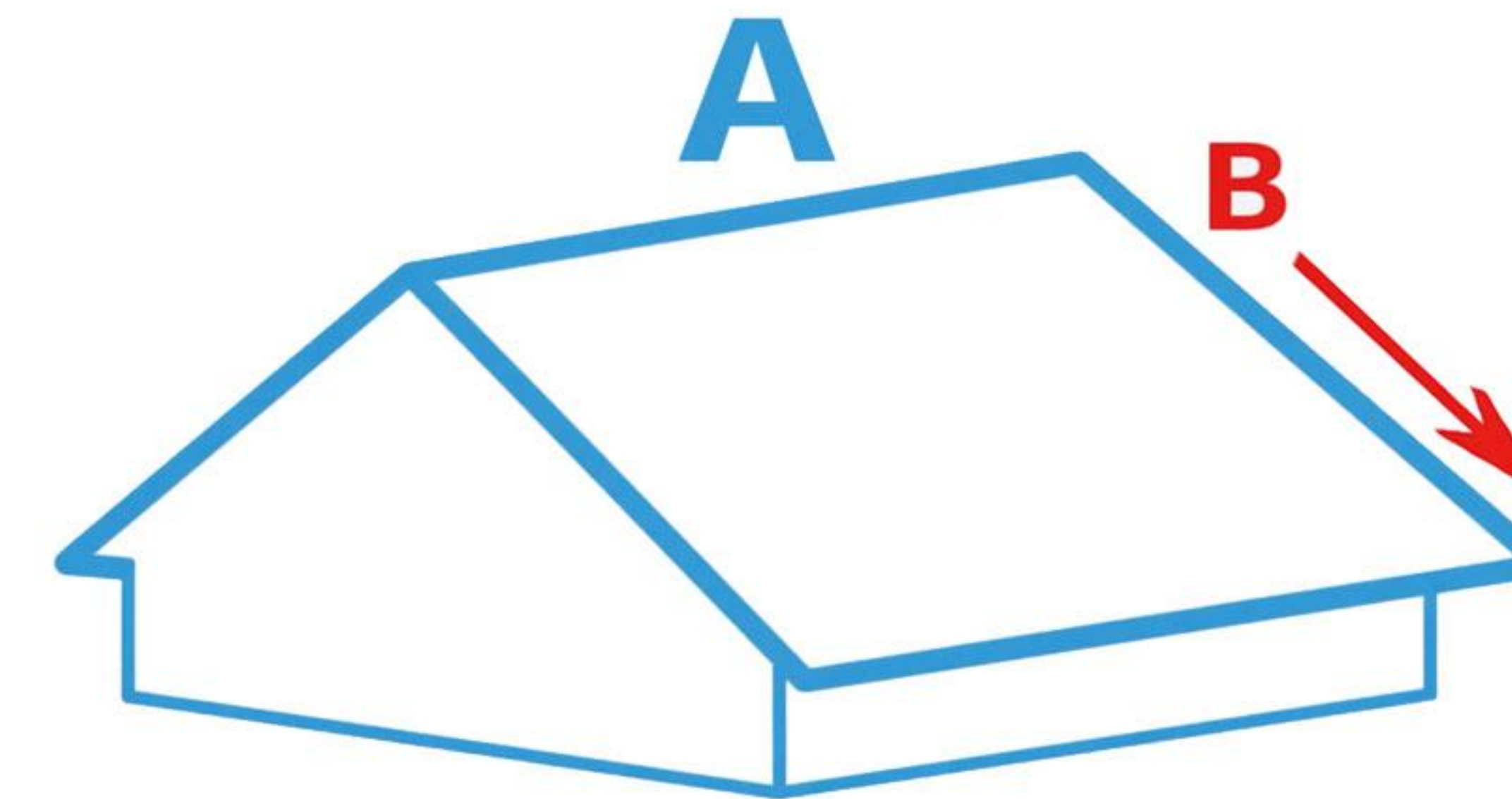
Thickness: 1.0mm, 1.2mm, 1.5mm, 1.8mm, 2.0mm, 2.2mm, 2.5mm, 3.0mm

Length: Customizable according to customer requirements



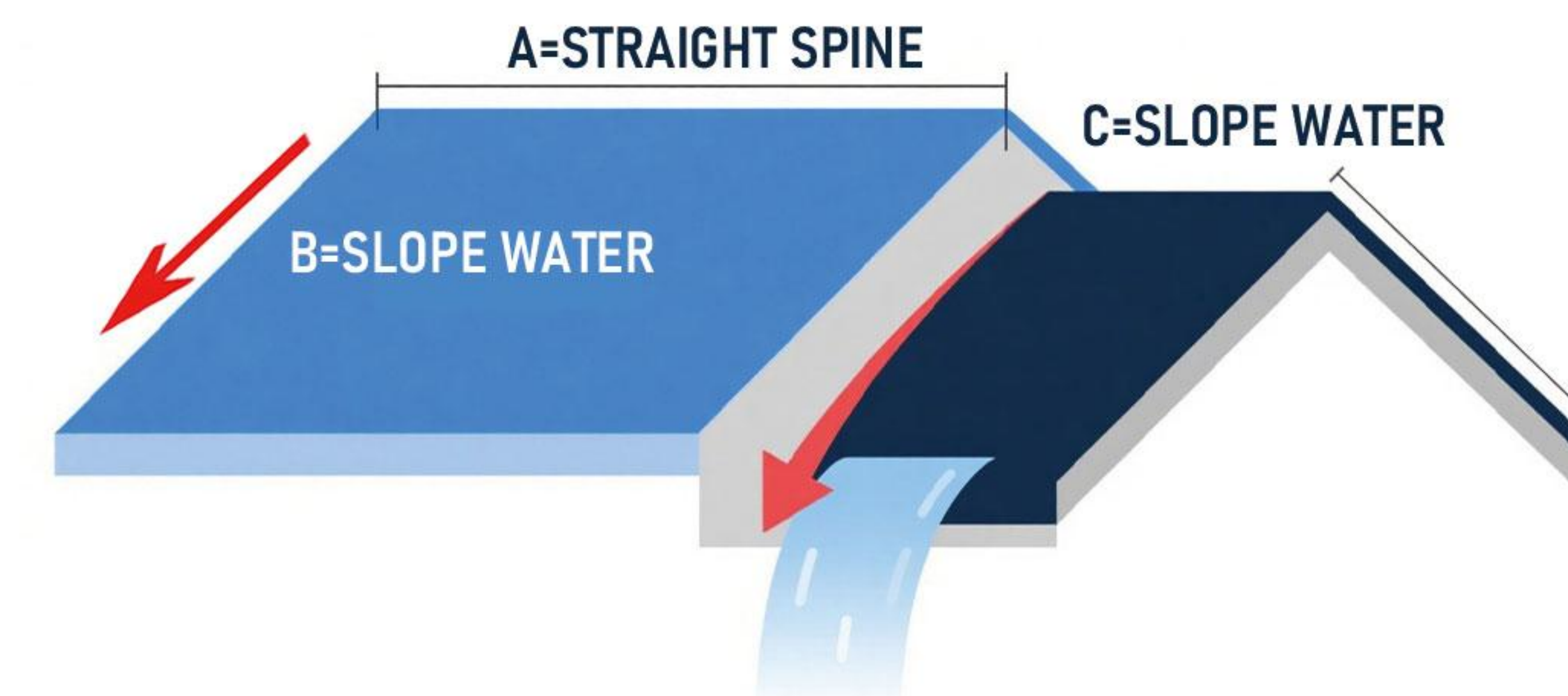
DIMENSION MEASUREMENT

ONE SIDE SLOPE



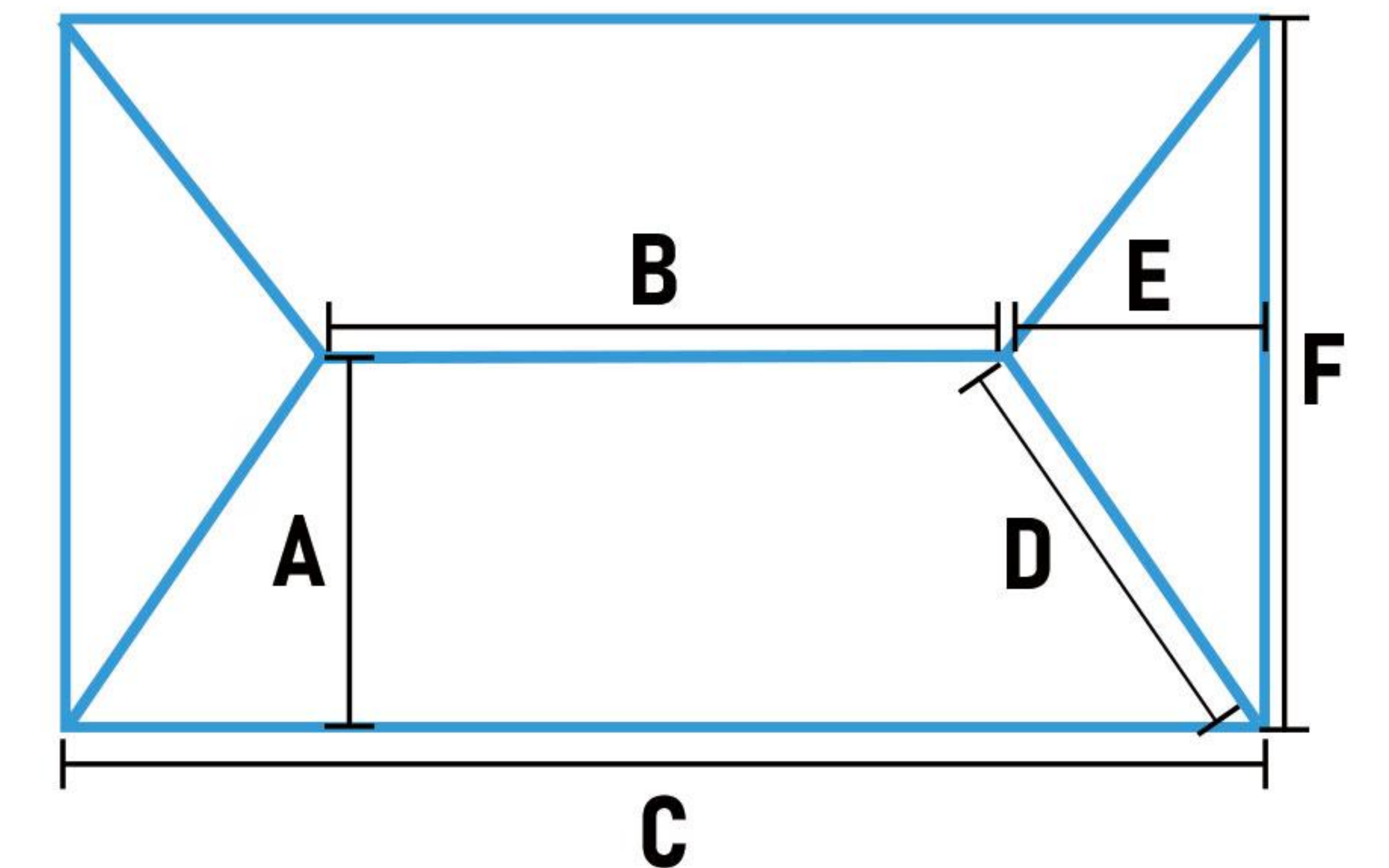
JUST TELL ME THE SIZE OF A AND B.

TWO-SIDED WATER



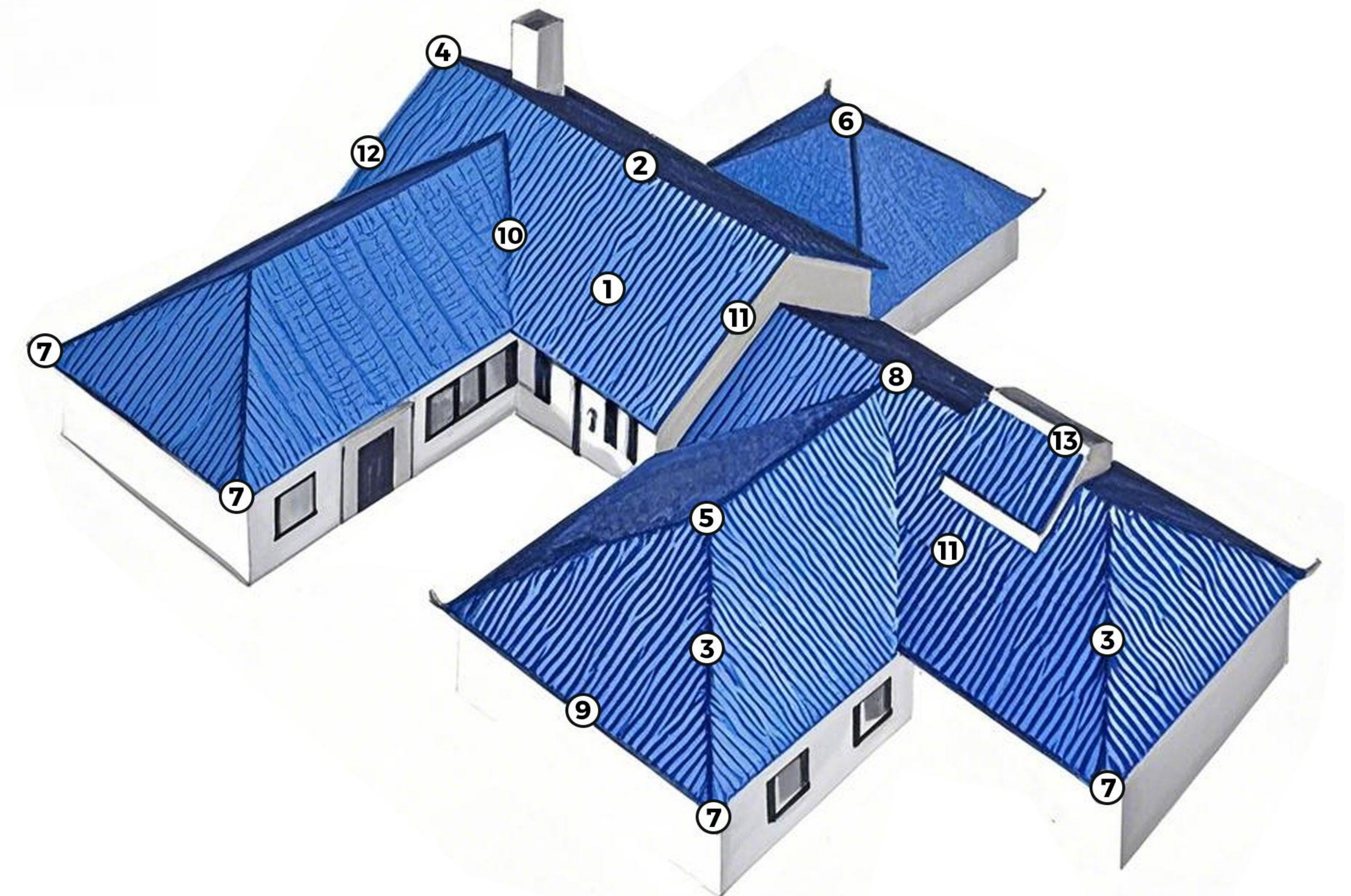
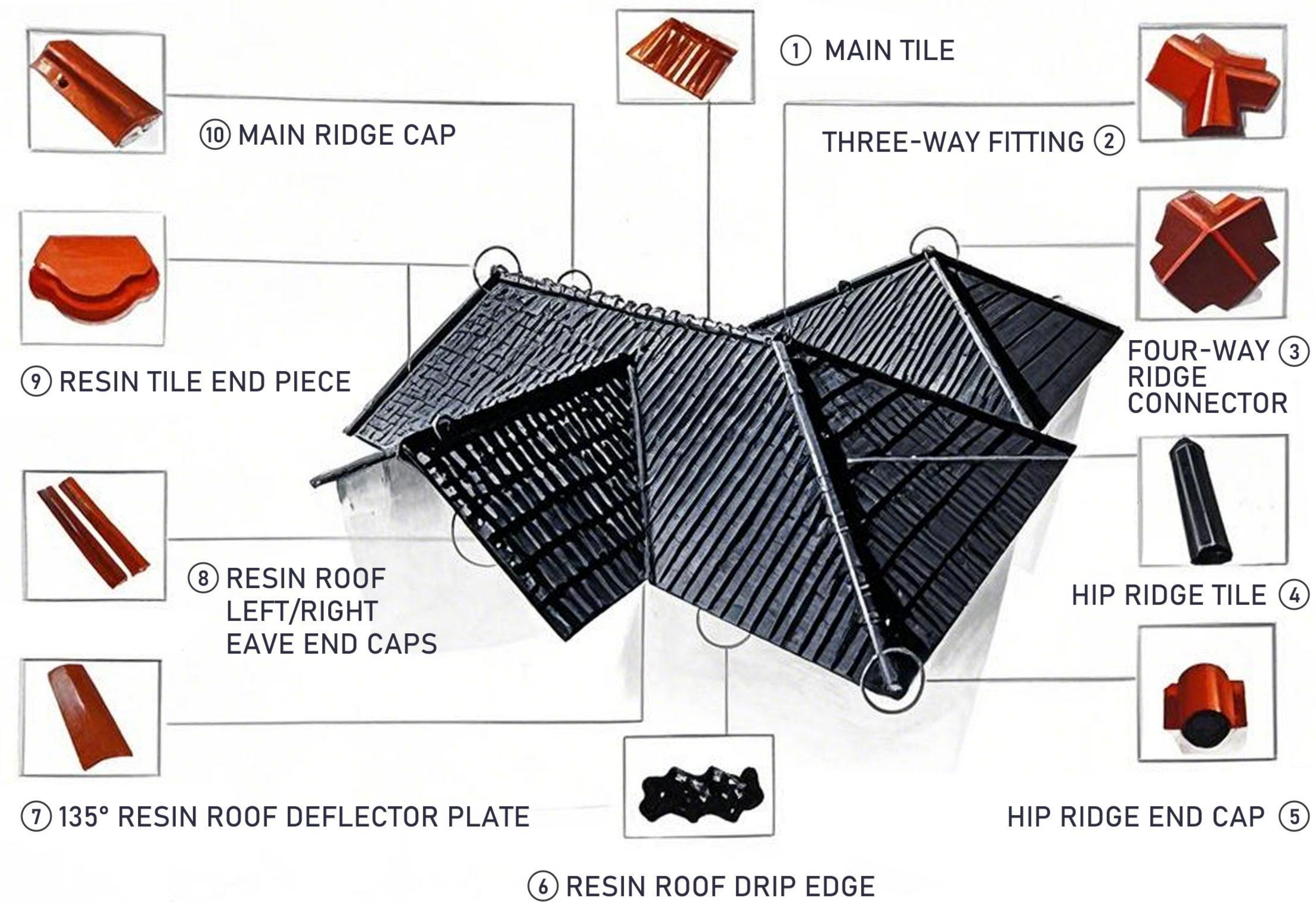
- 1.MEASURE THE SIZE OF THE A POSITIVE RIDGE TILE
- 2.MEASURING THE SIZE OF THE WATER FLOWING ON SLOPE B
- 3.MEASURE THE DIMENSIONS OF THE FLOWING WATER ON SLOPE C

WATER FLOWING ON ALL SIDES



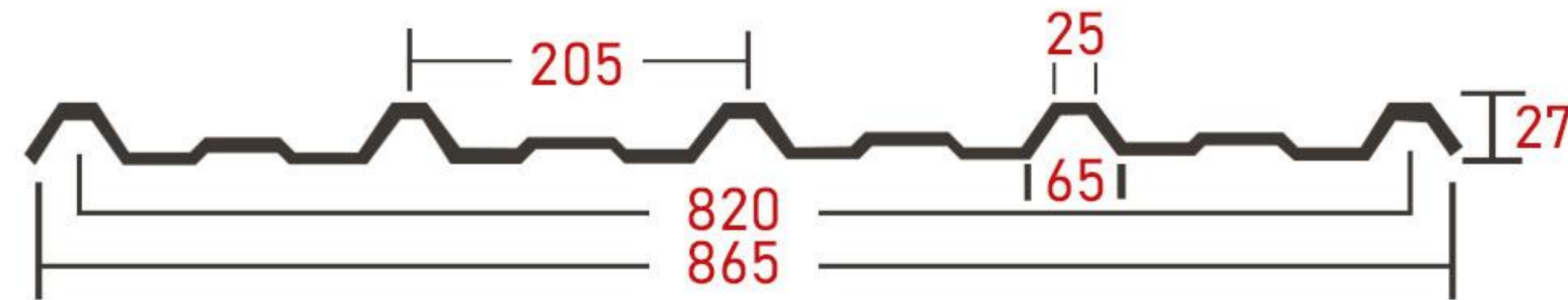
- 1.MEASURING THE SIZE OF THE WATER FLOWING ON A SLOPE
- 2.MEASURE THE SIZE OF B RIDGE TILE
- 3.MEASURE THE WIDTH OF THE C
- 4.MEASURING THE SIZE OF D-RIDGE TILES
- 5.MEASURING THE SIZE OF THE E SLOPE WATER FLOW
- 6.MEASURE THE WIDTH OF F

INSTALLATION NOTES

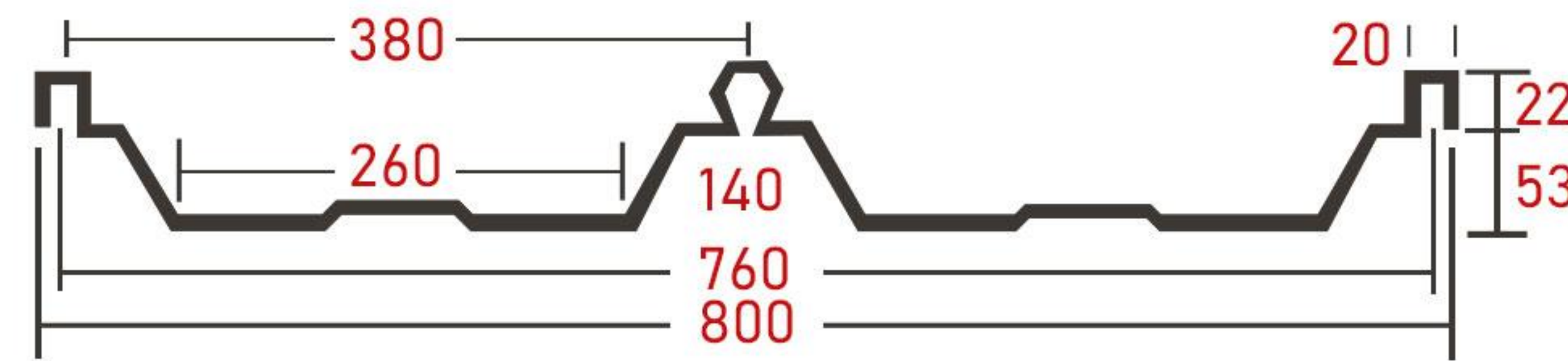


MAIN TILE	MAIN RIDGE CAP	HIP RIDGE TILE	RESIN TILE END PIECE	THREE-WAY FITTING	FOUR-WAY RIDGE CONNECTOR	DECORATIVE UPTURNED EAVE
①	②	③	④	⑤	⑥	⑦
T-JUNCTION RIDGE FITTING	ANCIENT-STYLE DECORATIVE DRIP EDGE	DRAINAGE GUIDE PANEL	RIGHT EAVE END CAP	LEFT EAVE END CAP	WALL FLASHING	
⑧	⑨	⑩	⑪	⑫	⑬	

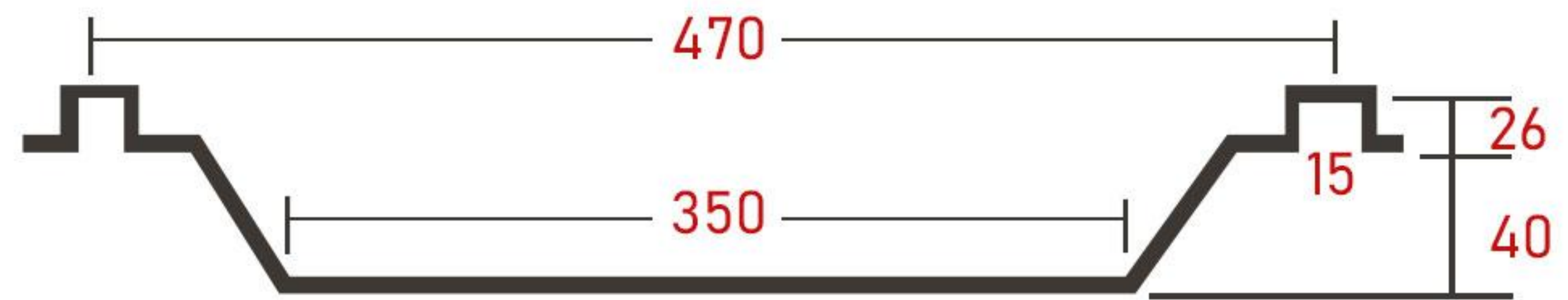
COMMON LAYOUT DIAGRAMS



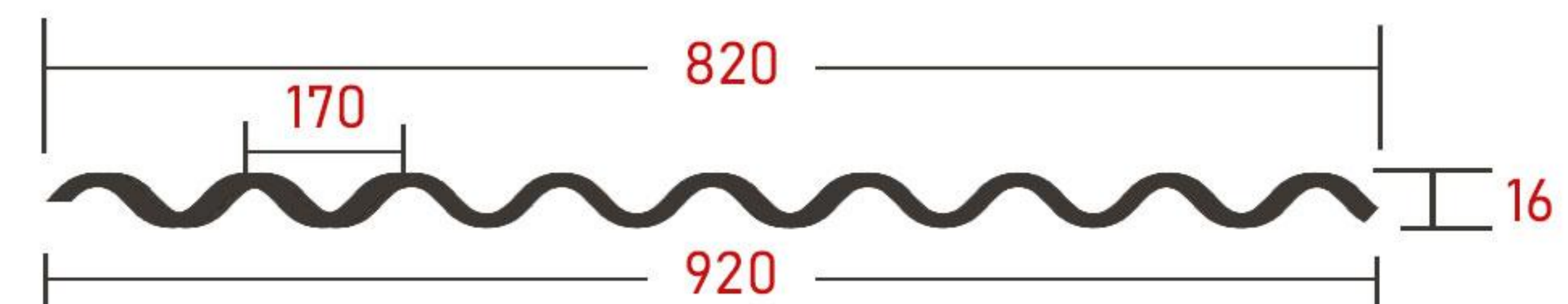
MY-820



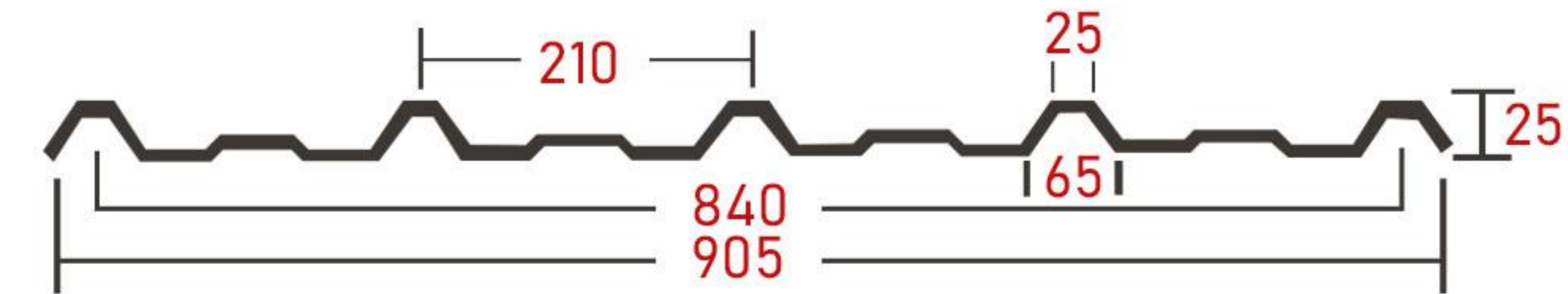
MY - ANGLE STRUT 760



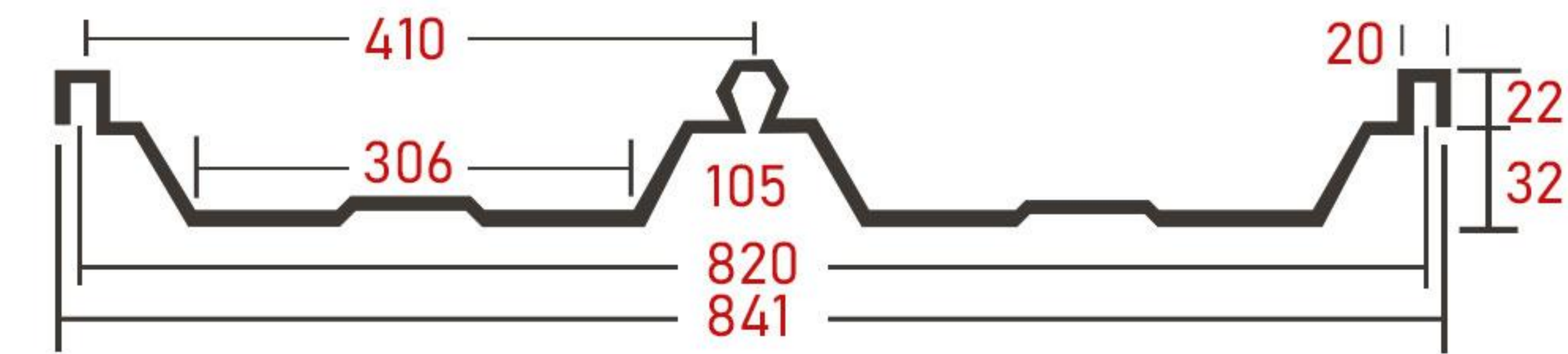
MY - 470



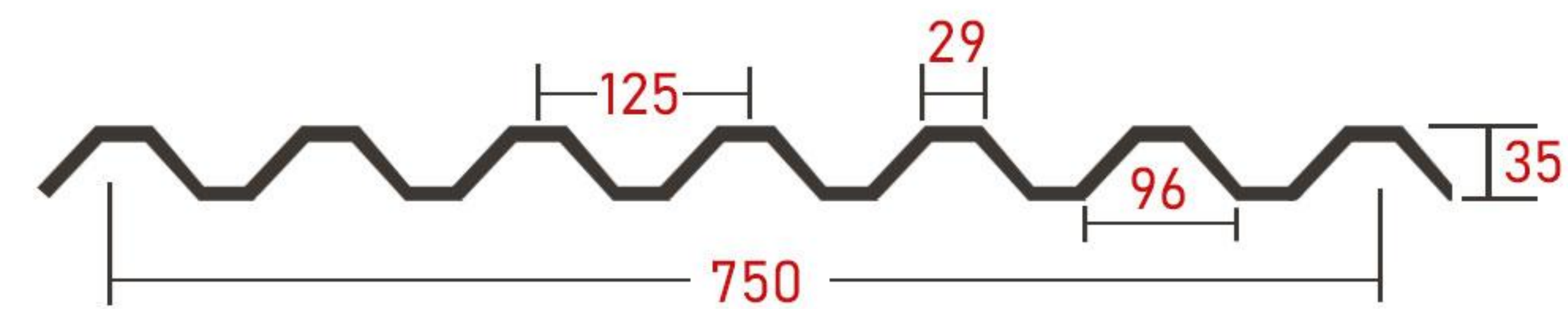
MY - WAVE 820



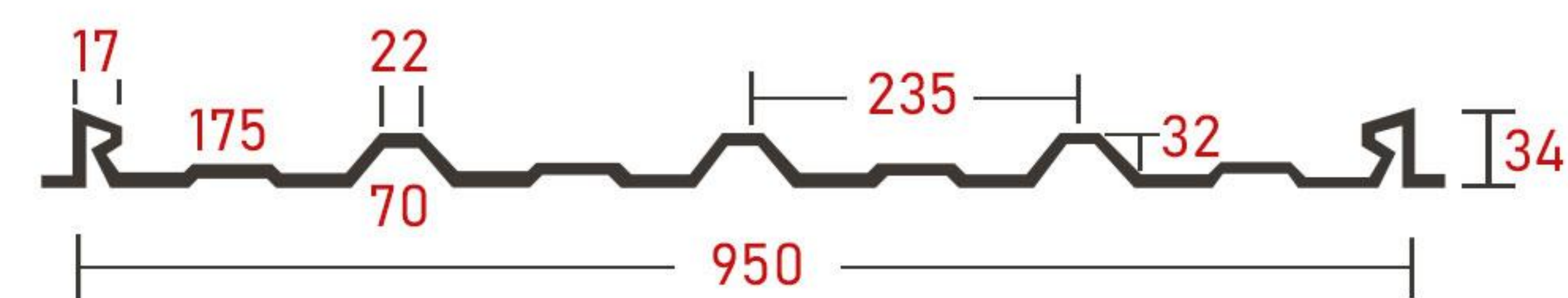
MY-840



MY - ANGLE STRUT 820

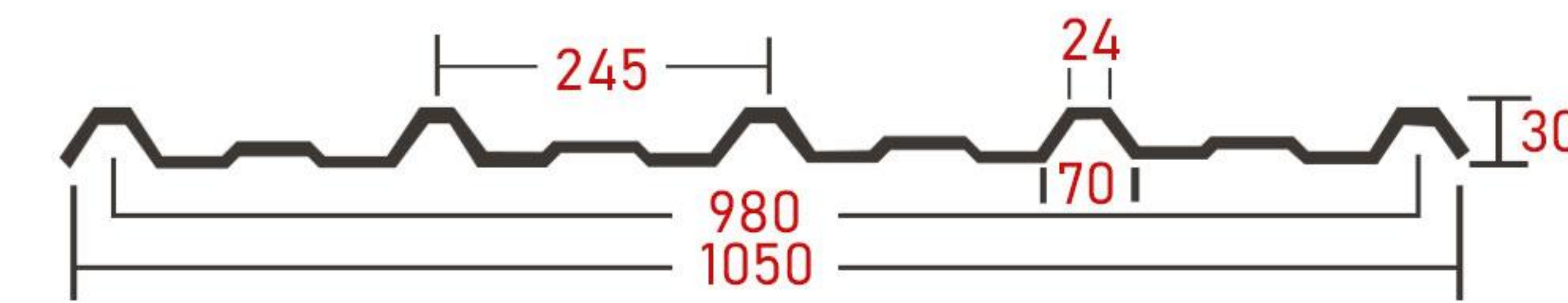


MY - 750

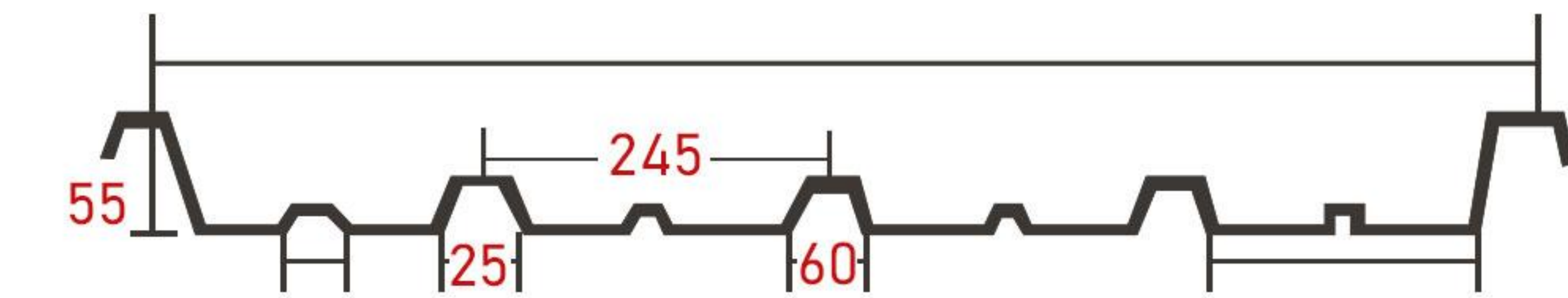


MY - 950

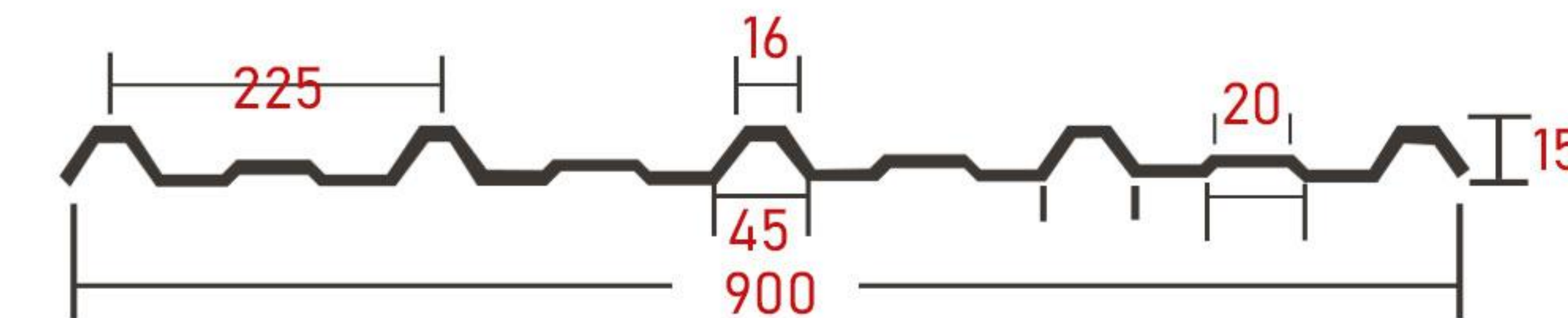
NOTE: OUR COMPANY HAS MORE THAN 100 COMMON.



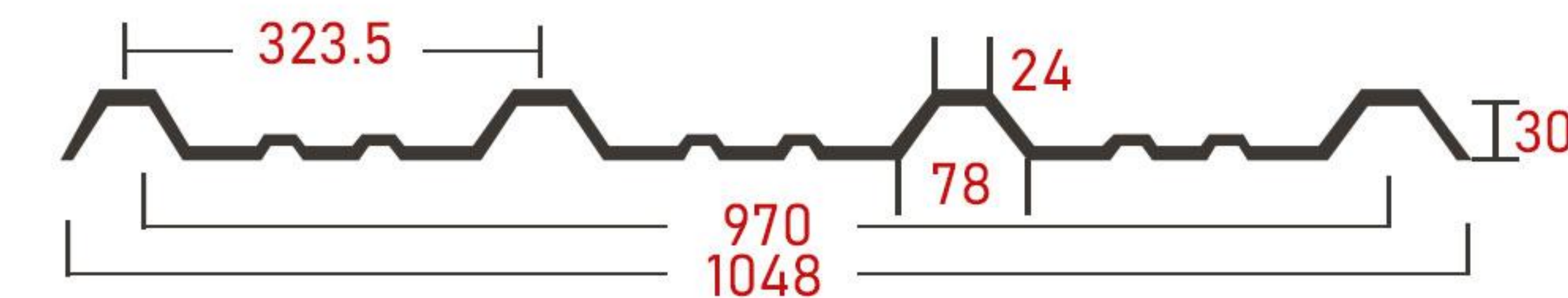
MY-980



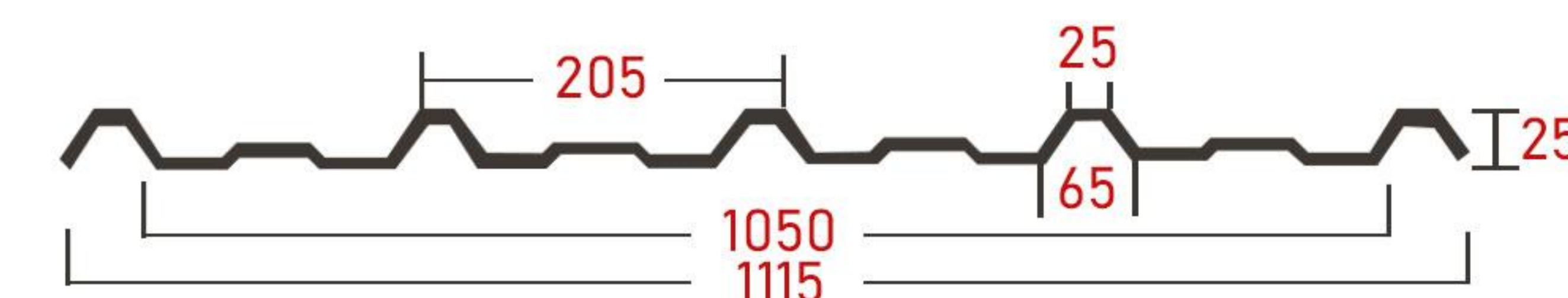
MY-GA0B0 980



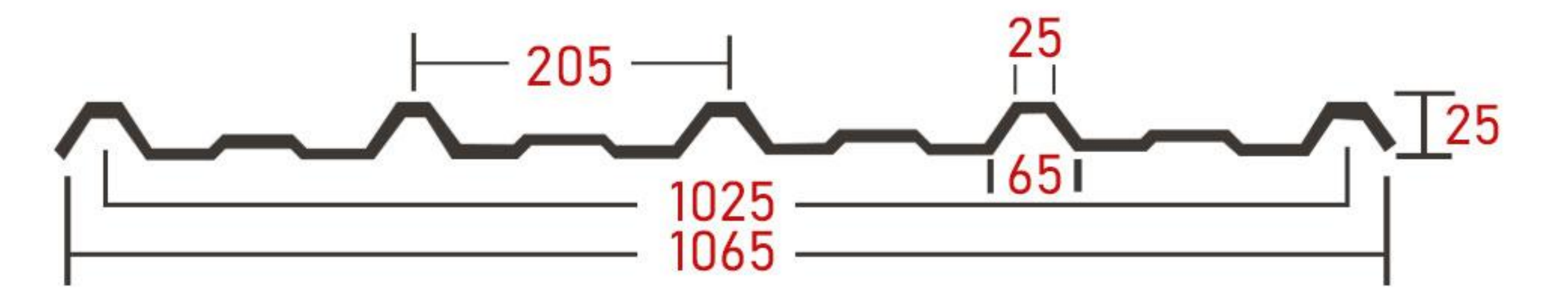
MY-900



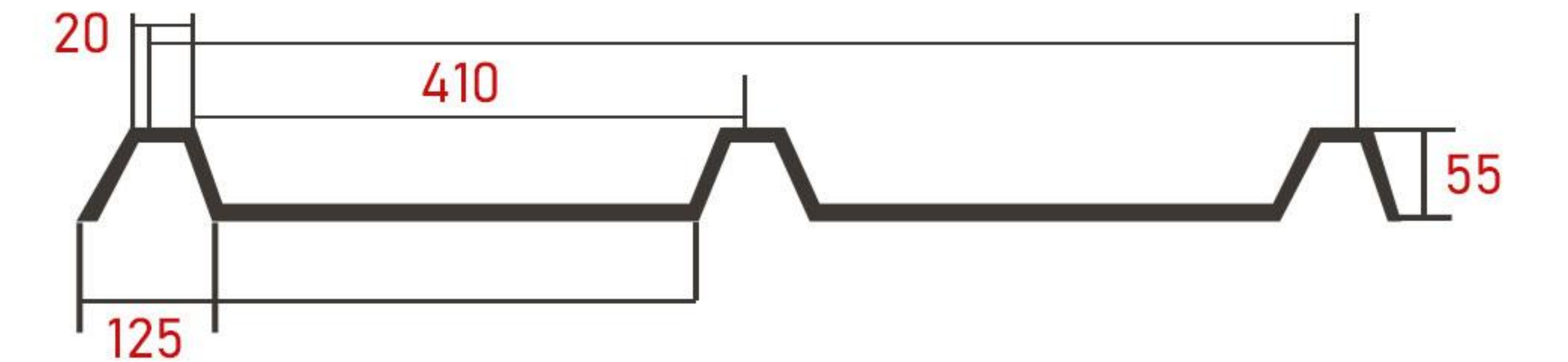
MY - 970



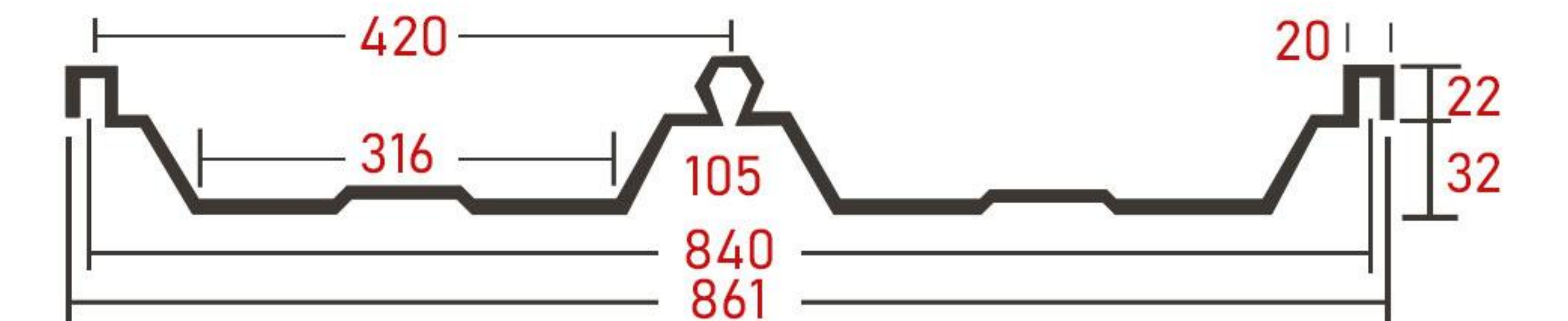
MY - 1050



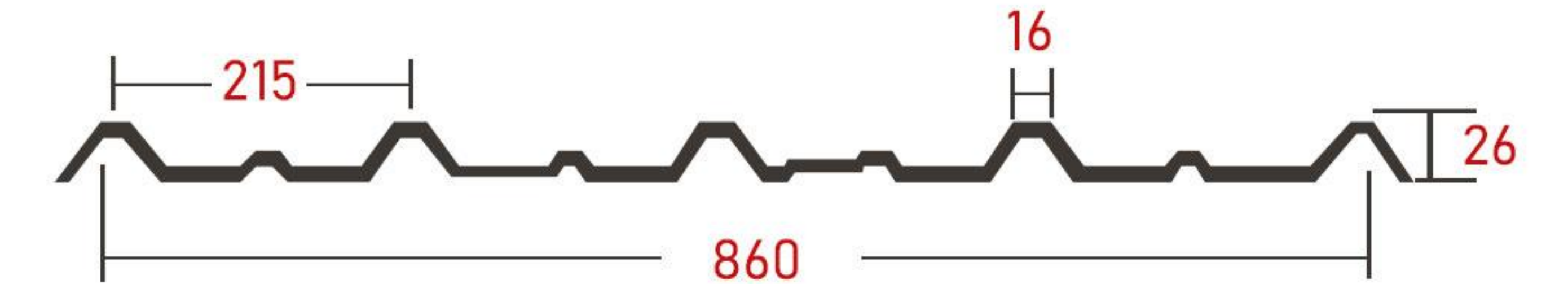
MY-1025



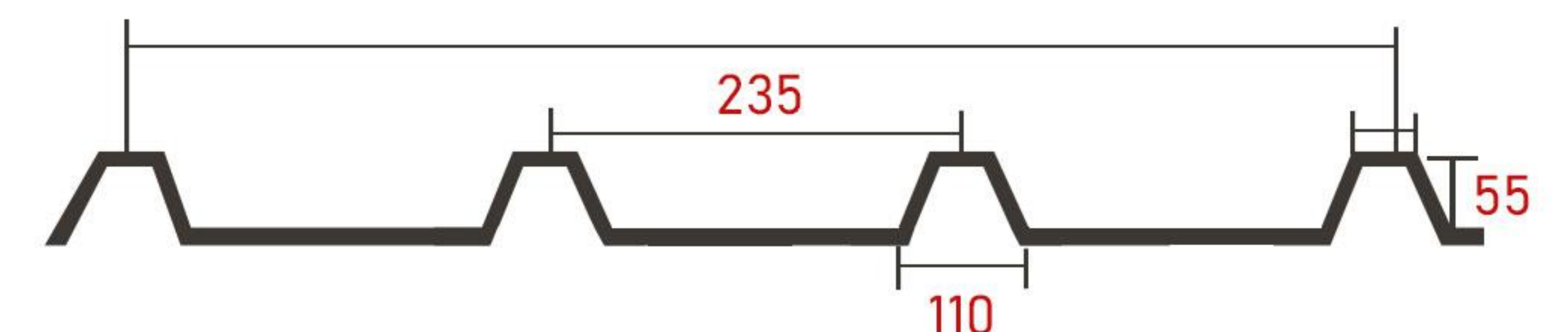
MY-COVERAGE 820



MY-RIBBED SHEET 840



MY - 860



MY - 750

PRODUCTION EQUIPMENT



COMPOSITE RESIN
TILE PRODUCTION LINE



COMPOSITE RESIN
TILE PRODUCTION LINE



SMALL GREEN TILE
PRODUCTION LINE



RAW MATERIAL
WAREHOUSE



CHARPY IMPACT
TESTING MACHINE



CHARPY IMPACT
TESTING MACHINE



TENSILE
TESTING MACHINE



THERMAL DEFORMATION
AND VICAT SOFTENING
POINT TESTER



E - DENSITOMETER
V - MICROSCOPE

SOME FACTORY CASES



HAOSHAN TOWNSHIP, ANREN COUNTY,
CHENZHOU CITY, HUNAN PROVINCE



LONGZHOU ISLAND
ECOLOGICAL PARK



THE NEW RURAL
RECONSTRUCTION IN JIANGYING TOWN



THE GOVERNMENT
OF LONGCHUAN TOWN, HEYUAN CITY



THE NEW RURAL
RECONSTRUCTION IN SHUIWEN TOWN

SOLUTION

STEP 1 /
SUBMIT PRODUCT REQUIREMENTS

STEP 2 /
RECEIVE QUOTATION AND PROPOSAL

STEP 3 /
CONFIRM ORDER AND PAYMENT TERMS

STEP 4 /
PRODUCTION AND LOGISTICS TRACKING



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DUOLONG BUILDING MATERIALS TECH

