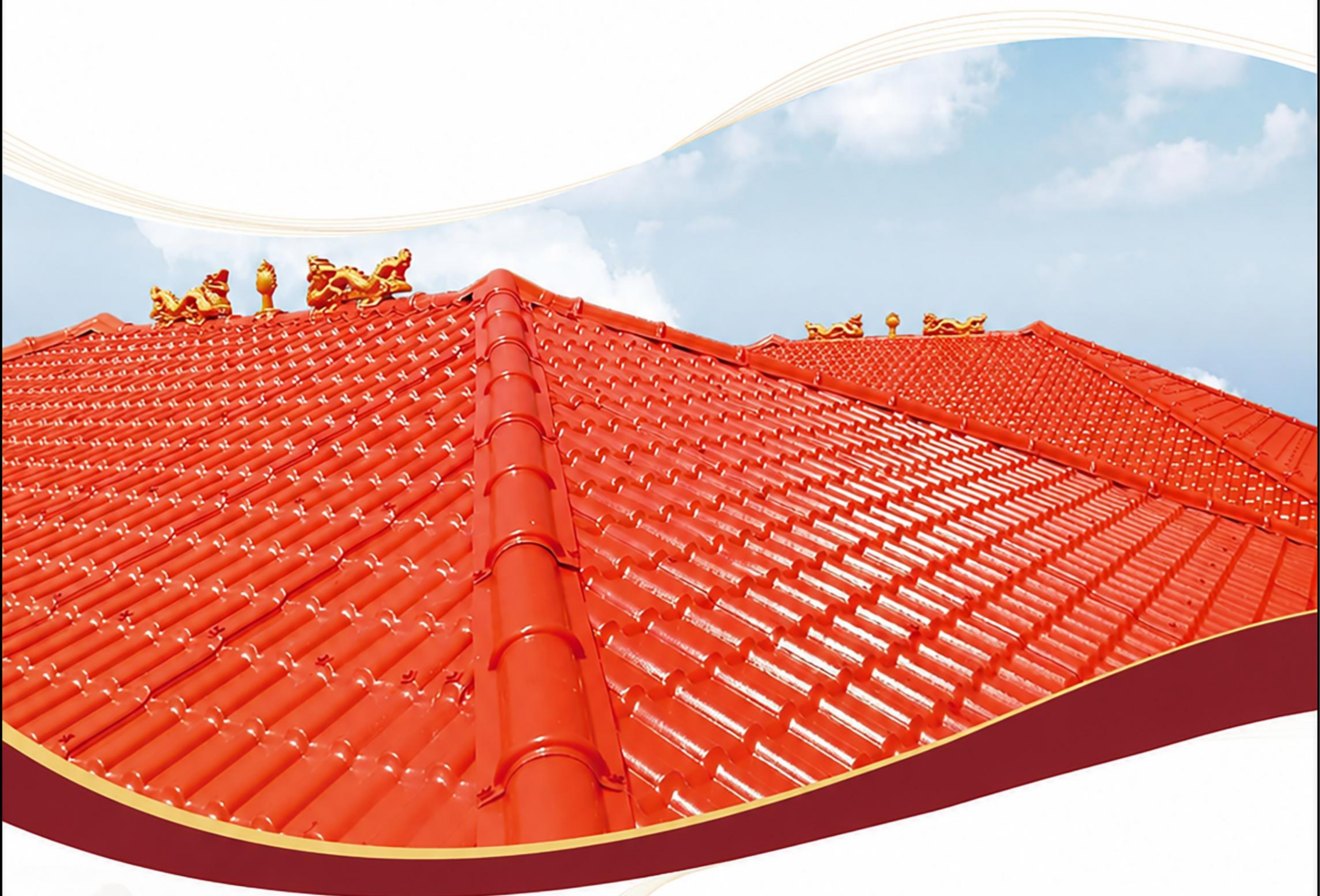
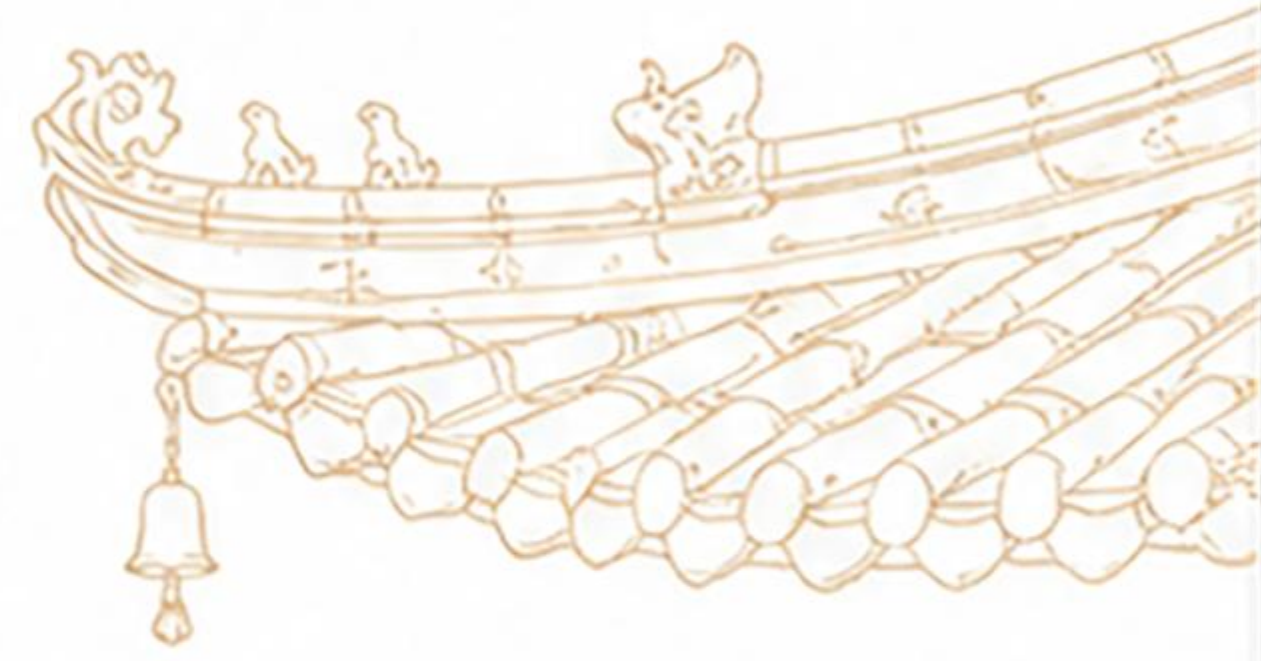




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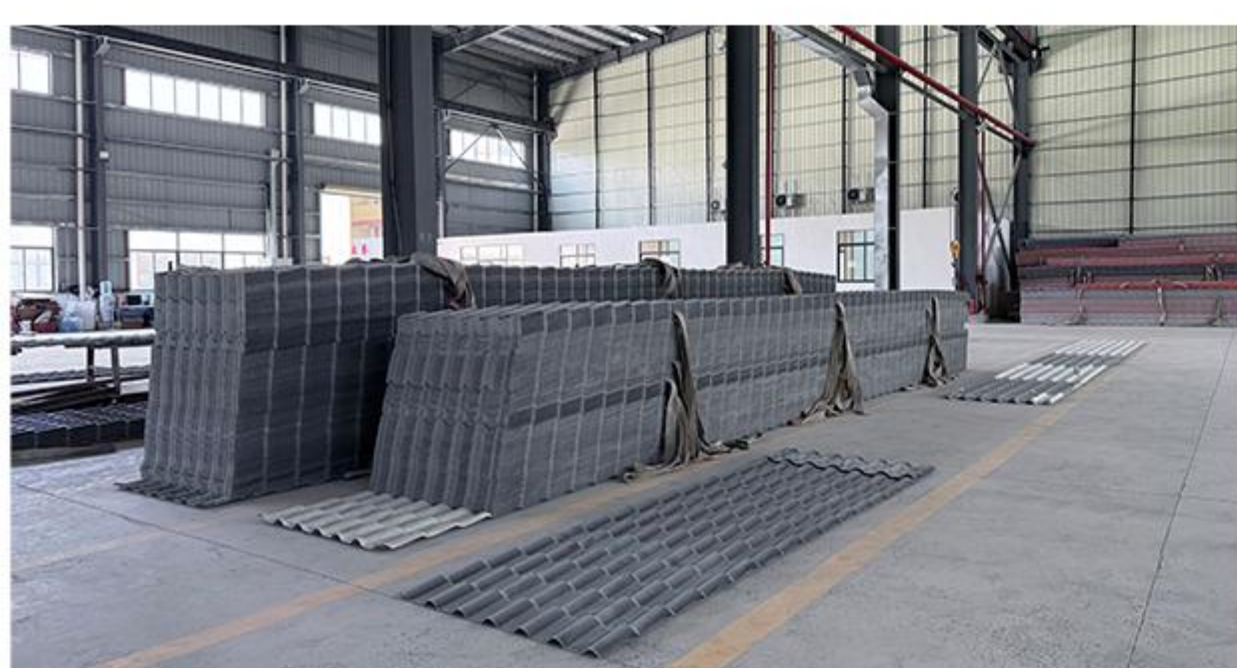
Foshan loongcreate New Materials Tech Co., Ltd.



COMPANY PROFILE

Based in Leping Town, Sanshui District, Foshan, Foshan Longchuang New Materials Technology Co., Ltd. is an integrated enterprise engaged in the R&D, production, sales and import & export of environmental-friendly new building materials.

- ◎ We mainly supply ASA synthetic resin tiles and PVC anti-corrosion panels, widely used in residences, factories and cultural tourism buildings. Optimized for southern China's high-temperature, rainy and salt-spray climate, our products feature excellent weather resistance, corrosion resistance and ageing resistance with strict full-process quality control.
- ◎ Backed by Foshan's complete industrial supply chain and logistics advantages, we own standardized production workshops and professional testing systems. Insisting on quality and technological innovation rather than price competition, our products are well sold across South China and exported globally with high customer recognition.
- ◎ Adhering to the brand philosophy of Craft Premium Materials, Forge a Shared Future, Longchuang will further enrich our product lineup and improve service systems. We sincerely welcome national distributors and global partners to cooperate for win-win development in the new energy-saving building materials industry.





01 Synthetic Resin Tiles

Rich Vintage Modern Colors

02 Classic Resin Tiles

Vintage Look, Stereoscopic & Attractive

03 Resin Small Grey Tiles

Authentic Raw-style Blue Tile Aesthetics

04 Resin Roman Tiles

Classic European design that carries forward traditional European architectural heritage

05 PC Transparent Synthetic Resin Roof Tiles

Roof daylighting brings bright tones to interior spaces

Product Display -

Made from anti-aging ASA and PVC resin mixed with UV stabilizers, shielding agents, antioxidants and weather-resistant additives, our tiles adopt European co-extrusion craft. The dense waterproof surface has no leak-prone micro-pores. ASA terpolymer boasts exceptional weather and color retention. Outdoor tests in Arizona and Florida confirm $\Delta E \leq 5$ color fading over 10 years.

① Synthetic Resin Tiles

Imitation glazed tile design with rich oriental color characteristics. Light green resin tiles solve multiple problems of clay tiles, gaining growing popularity and being widely installed on roofs of all permanent constructions.

② Classic Resin Tiles

Imitation cylindrical tile newly developed on the basis of synthetic resin tile performance to fit market and customer needs. Smaller pitch creates richer three-dimensional layers for unique visual aesthetics.

③ Resin Small Grey Tiles

Styled after traditional clay tiles, this new tile is tailored for new rural construction and old ancestral building renovation. It works perfectly for leak fixing and stands as the ideal roofing material for authentic rustic architectural aesthetics.

④ Resin Roman Tiles

Representative of European classicism and steeped in history and culture, it lets modern audiences feel the profound heritage and timeless spirit of classical architecture.

⑤ PC Transparent Synthetic Resin Roof Tiles

Made of PC material, non-toxic and environmentally safe, with 90% high transparency. Designed for daylighting together with synthetic resin tiles, usable for more than 10 years.



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Resin Tile Series Common Traits



1.Weather Resistance

The product surface adopts high weather-resistant modified ASA resin, which shields UV radiation and significantly prolongs service life.



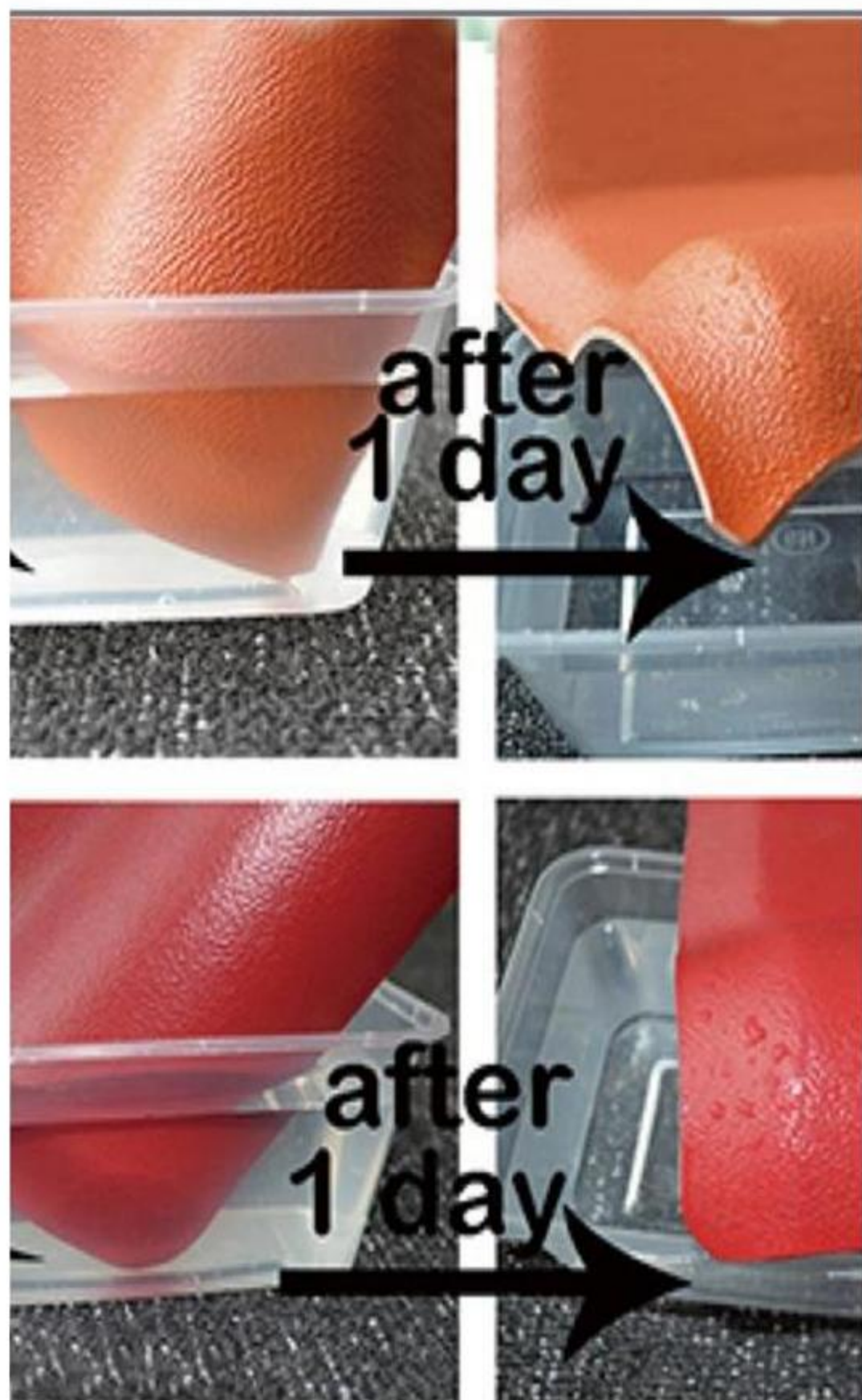
2.Color Stability

The surface ASA material features excellent color retention, retaining stable color under harsh conditions such as strong UV rays, high heat and frigid cold.



3.Corrosion Resistance

Constructed from modified resin, our tiles are inert to acids, alkalis, salts and other chemicals, delivering outstanding anti-corrosion effects.





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Resin Tile Series Common Traits



4.Impact Resistance

Great anti-impact performance. In impact test, the tile remains crack-free when a 1kg steel ball free falls from 1.5m.



5.Fire & Water Resistance

Made of flame-retardant modified resin that complies with China B1 fire rating. Compact structure prevents water absorption for superior waterproof effect.



6.Green & Eco-friendly

Free of asbestos and radioactive substances, safe for people and livestock. Recyclable raw material meets national green environmental specifications.



7.Load Resistance

Strong load capacity. With 660mm support span, no deformation or sagging occurs under 100kg load. It withstands heavy annual snow without breakage in cold alpine areas.



8.Sound & Insulation Performance

Composite co-extruded core barrier structure effectively blocks sound transmission and absorbs noise, reducing noise level by more than 30dB vs color steel tiles. Non-conductive insulation material, much safer than metal roofing in mountainous and lightning-prone zones.



9.Fast Installation

Lightweight tiles are simple to carry and install. Full set of fittings, large coverage per sheet and minimal overlapping cut labor costs and lower maintenance expenses.

Outstanding performance suits
all kinds of building roofing projects.





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01 Synthetic Resin Tiles

30-year service life, color unchanged within 10 years

Imitation glazed tile design.
Lightweight, load-resistant and
superbly weatherproof, it evolves
from decorative tiles into fully
functional roof tiles.



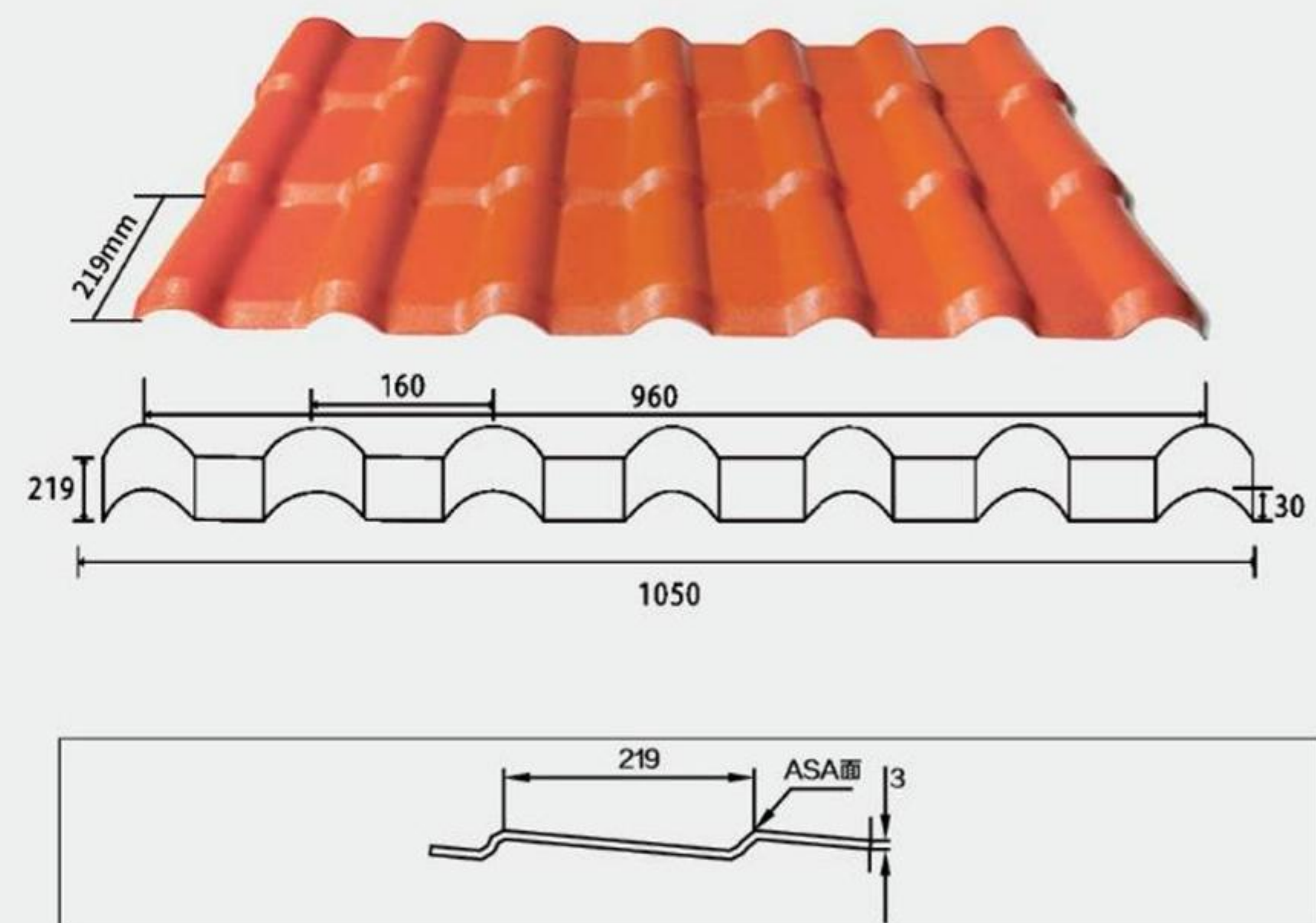
Product Specifications

Thickness: 2.5mm, 3.0mm
Length: Customized in multiples of pitch (219mm)
Width: 720mm, 880mm, 1050mm
Pitch: 219mm
Wave spacing: 160mm Wave height: 30mm
Standard Colors: Gray, Canton Red, Maroon, Brick Red



Custom Colors: Ocean Blue, Coffee, Blue Grey, Dark Green

Profile Drawing





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Product Applications & Engineering Cases

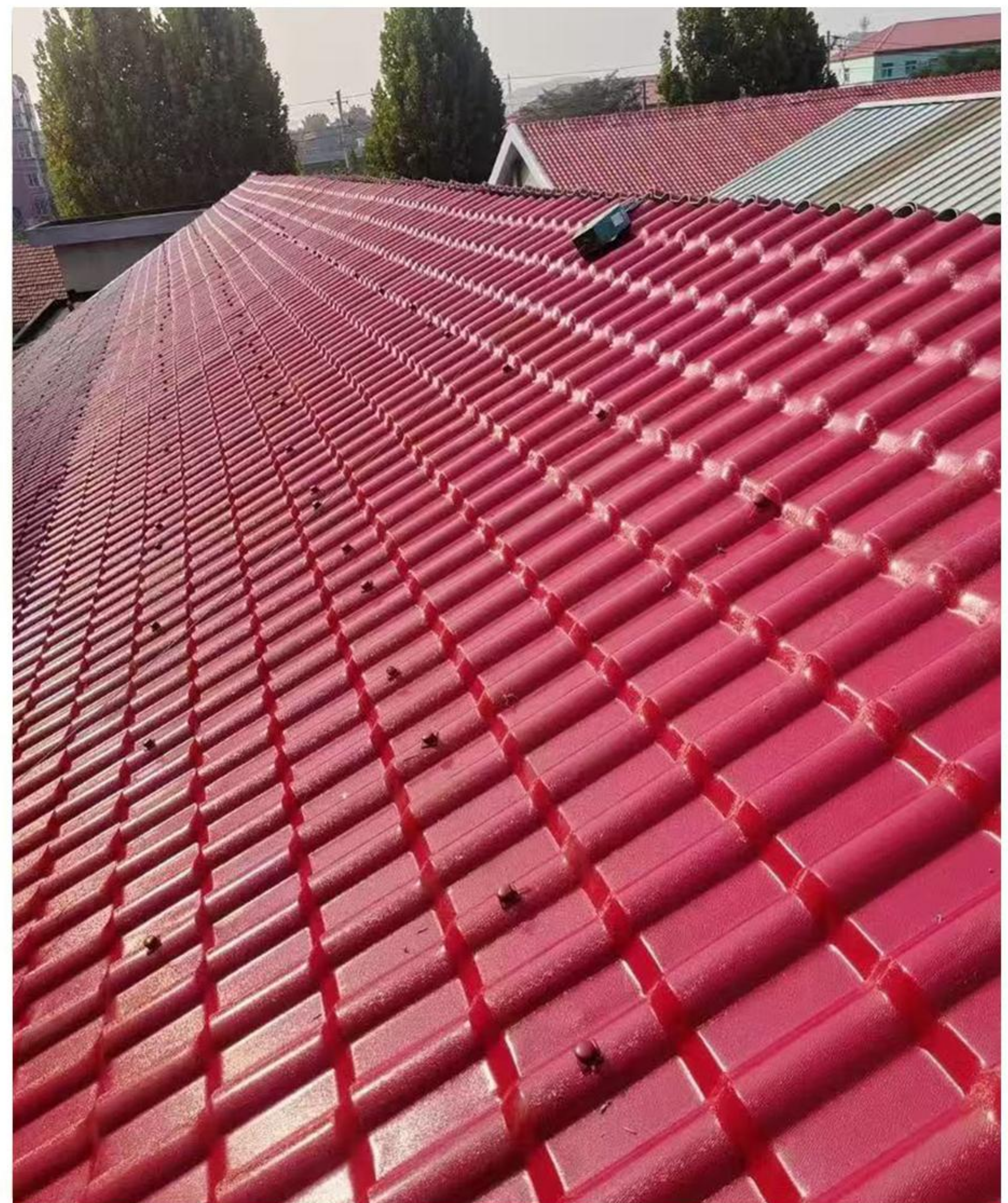
Product Application Fields:

Rural development, roof renovation, tourist scenic areas, garden pavilions, farm stays, security booths, carports, etc.

① rural development



② roof renovation





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Product Applications & Engineering Cases

③

tourist scenic areas



④

farm stays



⑤

public works



Urban flat-roof to sloping-roof renovation



Rural style renovation



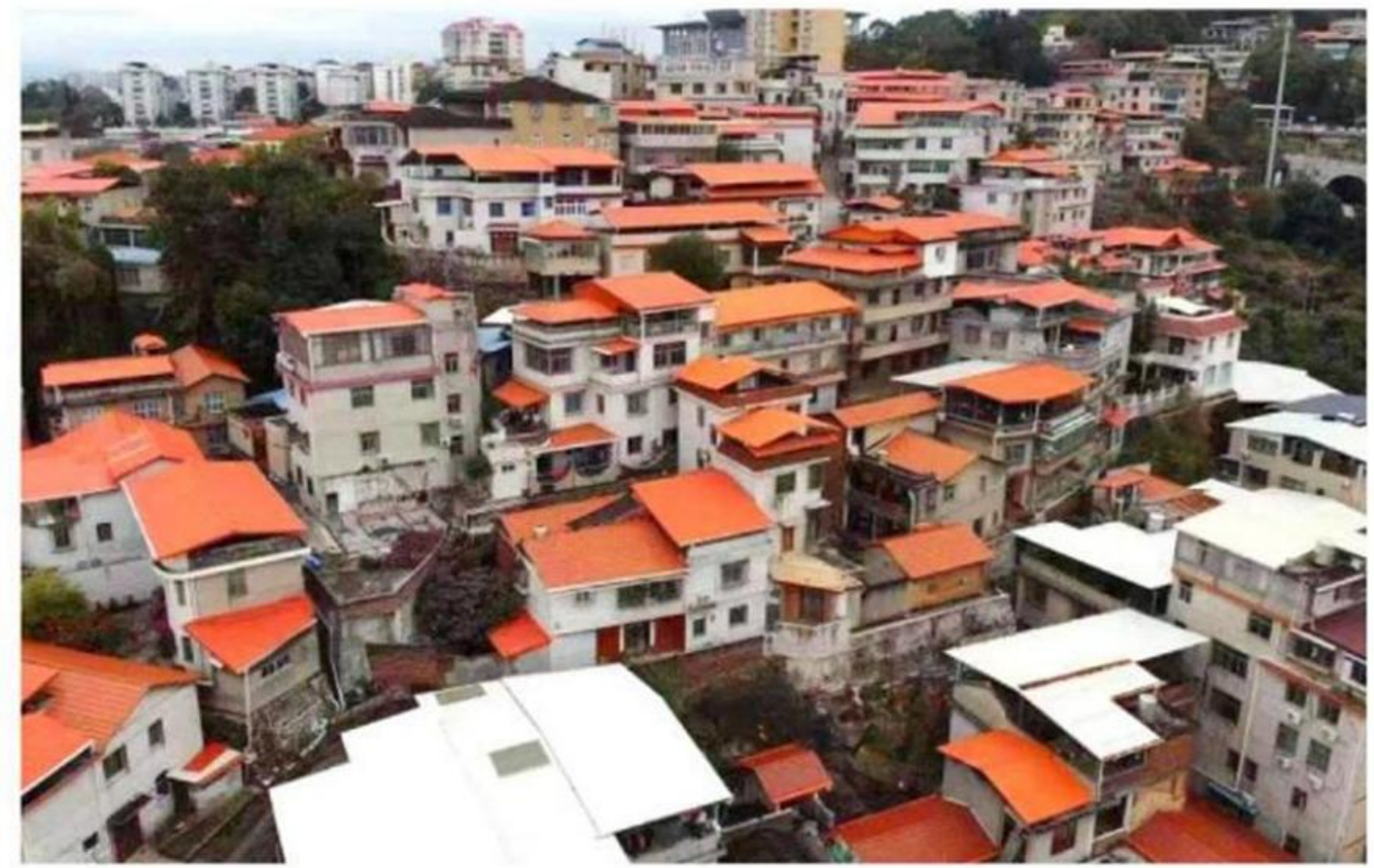
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Product Applications & Engineering Cases

⑥ new rural reconstruction



⑦ Chinese quadrangle

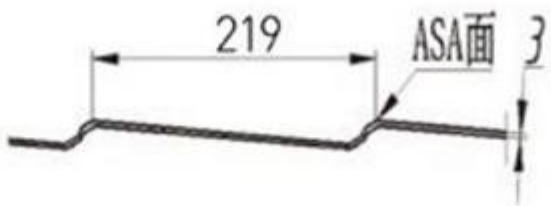
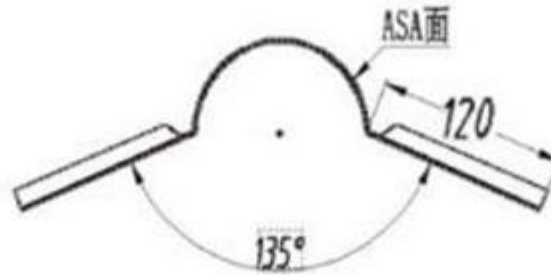
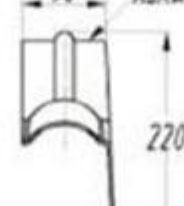
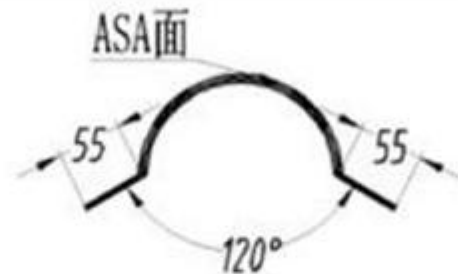
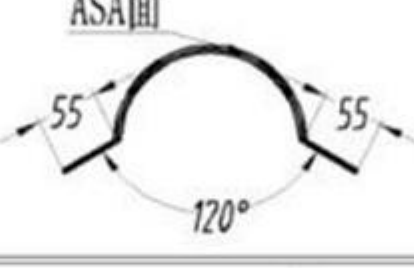
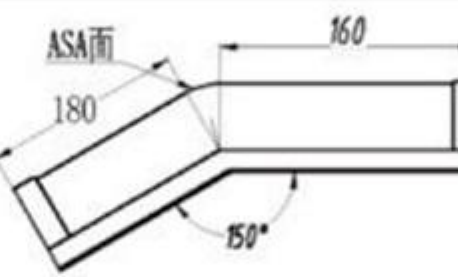
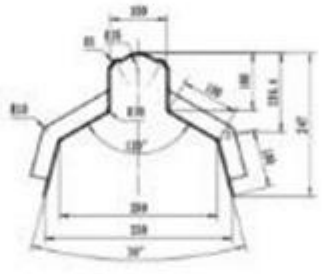
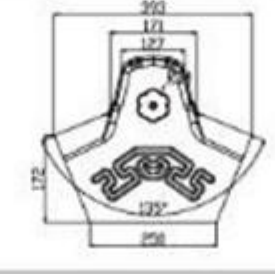


⑧ For use in other areas



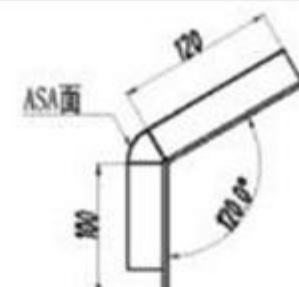
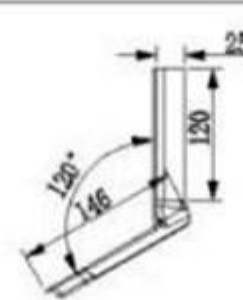
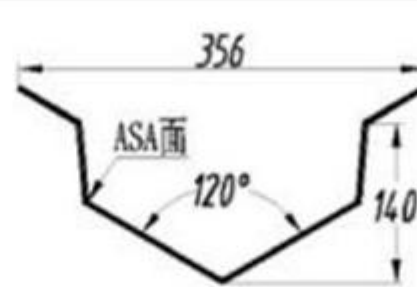
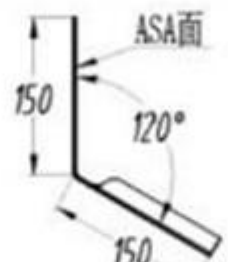
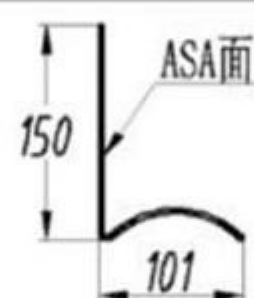
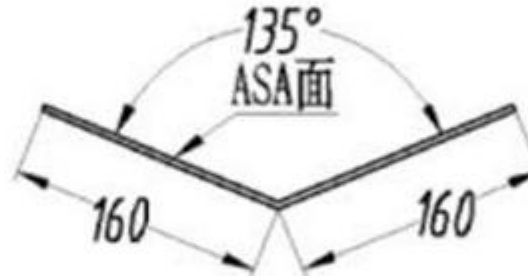
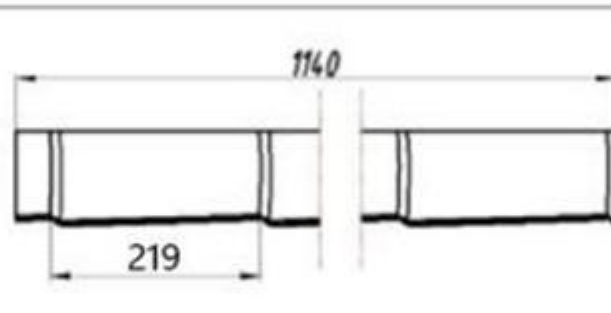
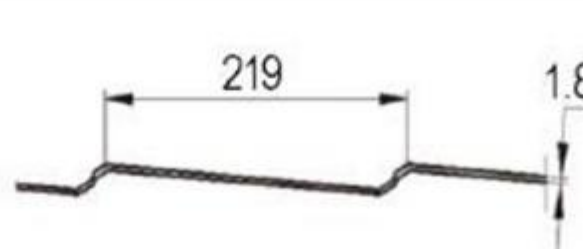
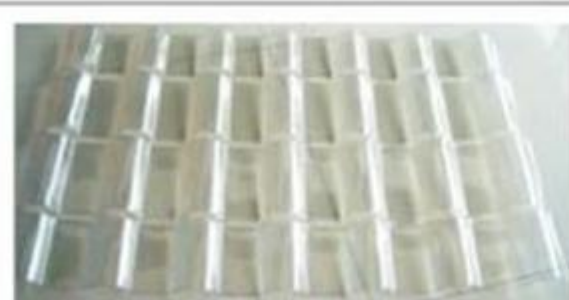
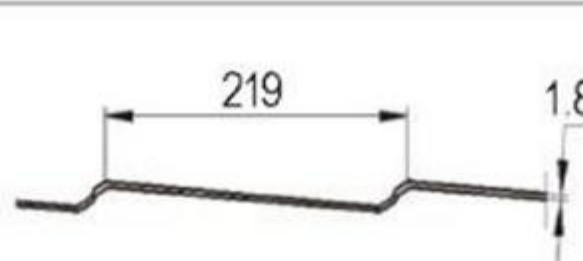


List of Main Tiles & Accessories

List of Main Roof Tiles & Main Roof Accessories	No.	Name	Actual Product Photo	Profile Drawing	Size / Dimensions	Application
	1	Main Roof Tile			Width: 1050mm Effective Width: 960mm	For roof
	2	Ridge Tile			Length: 1050mm Effective Length: 960mm	For main ridge
	3	Ridge End Cap			300*90*230mm	End seal for main ridge tile
	4	Hip Ridge Tile			Length: 1050mm Effective Length: 960mm	For hip ridge
	5	Hip End Cap			Length: 230mm	End seal for hip ridge tile
	6	3-Way Junction Tile			180x160x160mm	Main & hip ridge connector
	7	New 3-Way Junction Tile			280x300x300mm	Connect main & hip ridges
	8	T-Type Junction Tile			570x285mm	Ridge connection
	9	4-Way Junction Tile			150x150x150x150mm	Ridge connection
	10	Wall Coping Tile			Length: 1050mm Effective Length: 960mm	Wall top decor
List of Square Top Accessories	11	Square Top Ridge Tile			Length: 1050mm Effective Length: 960mm	For main ridge
	12	Square Top Ridge End Cap			320x100x330mm	Main ridge tile end cap
	13	Square Top Hip Tile			Length: 1050mm Effective Length: 960mm	For hip ridge
	14	Square Top Hip End Cap			Length: 310mm	Main ridge tile end cap
	15	Square Top 3-Way Junction Tile				Ridge connector
	16	Square Top Left & Right Eave Trim				Eave trim



List of Main Tiles & Accessories

List of Eave, Gutter & Flashing Accessories	No.	Name	Actual Product Photo	Profile Drawing		Size / Dimensions		Application
	17	Type 100 Drip Edge				Width: 1050mm Effective Width: 960mm		Eave Flashing
	18	Carved Drip Edge				Length: 1000mm Effective Length: 960mm		Eave Flashing
	19	Sloped Gutter				Length: 2100mm Effective Length: 2000mm		Sloped Gutter Flashing
	20	120° Wall Flashing				Length: 1050mm Effective Length: 960mm		Wall Flashing
	21	90° Gable Flashing				Length: 1050mm Effective Length: 960mm		Gable Flashing
	22	135° Inner Diverter				Length: 1050mm		Dormer Flashing
	23	L/R Eave Trim				Length: 1140mm Effective Length: 1090mm		Eave Trim
List of Special-shaped Fittings, Daylight Tiles & Waterproof Accessories	24	ASA Regular Roll End				600x250mm		Roof End Decor
	25	ASA Cornice				450x450mm		Roof End Decor
	26	ASA Gourd Tile				380x240mm		Roof Top Decor
	27	Dragon				Length: 2500mm		Main Ridge Decor
	28	PVC Translucent Tile				Width: 1050 mm Effective Width: 960 mm		For Light Transmission
	29	Transparent Resin Tile				880x1050mm 1100x1050mm 5500x1050mm		For Light Transmission (Custom Length Available)
	30	Waterproof Fittings		Sealing Cap	Sealing Cover	Sealing Ring	Universal Screw	Universal Wood Screw
φ 24x10				36x30	30x20	ST 6.3x65/75/110/125	6.3x90	



Product Applications & Engineering Cases



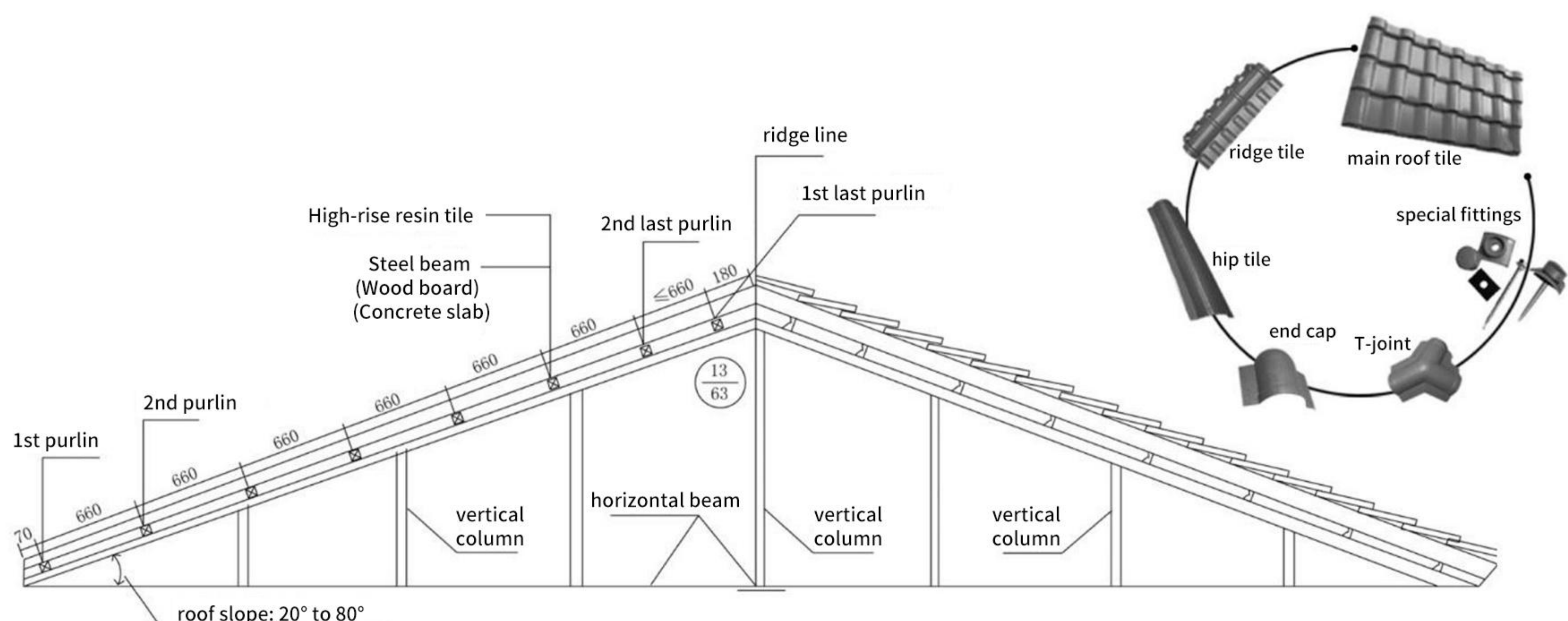
Purlin options: square tube (60mm×40mm×3mm), C-section steel (100mm×20mm×3mm) or anti-corrosion timber batten (60×40mm). Purlin spacing shall be 660mm, installed from bottom to top.

Main tiles shall be laid against the local prevailing wind direction. Overlap one tile wave, and install on both sides simultaneously.

Cut a section off the first ridge tile before installing main ridge tiles.

Trim the joints neatly where main ridges intersect hip ridges. Install 3-way junction tiles only after all main and hip ridge tiles are fitted.

Special fasteners are required for fixation. Drill holes first with an electric drill; hole diameter shall be 2mm larger than the hook bolt shank. Self-tapping screws with a diameter of 5.5mm are recommended.





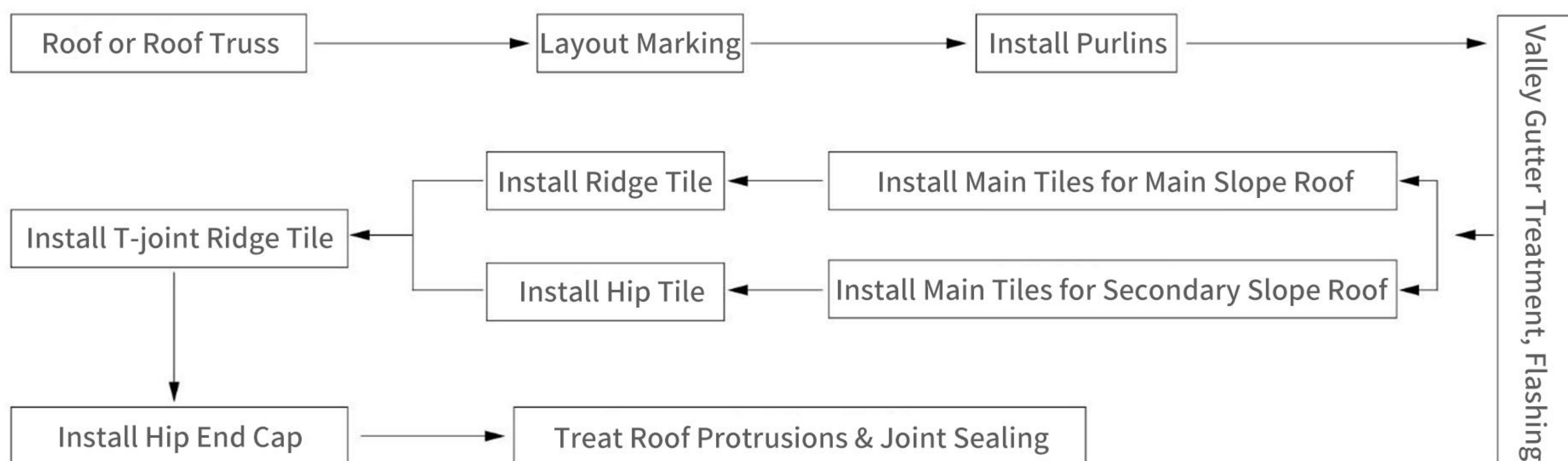
Installation Instructions & Precautions

Roof Rendering

- | | |
|----------------------|-------------------------------|
| 1.Main Tile | 8.T-type Tee |
| 2.Ridge Tile | 9.Antique-style Drip Edge |
| 3.Hip Tile | 10.Internal Gutter |
| 4.Ridge End Cap | 11.Right Fascia Board |
| 5.Hip Tee / T-joint | 12.Left & Right Fascia Boards |
| 6.Four-way Connector | 13.120° Flashing Plate 120° |
| 7.Hip End Cap | |



Process Flow Chart for ASA Synthetic Resin Tile Installation





02 Classical Resin Tile

30-year service life, color unchanged within 10 years

Classic retro design, three-dimensional aesthetic, superior load-bearing performance



Product Specifications

Thickness: 2.5mm, 3.0mm

Length: Customized according to pitch quantity

Overall Width: 1030mm Effective Coverage Width: 950mm

Pitch: 125mm Wave Height: 45mm

Colors:

Guangzhou Red, Dark Green, Ocean Blue, Burgundy, Grey, Blue Grey



Profile Drawing



Classical Tile Accessories



Main Ridge
1045X950mm



Hip Ridge
690X560mm



Fascia
1055X1000mm



Drip Edge
1030X950mm



Straight Hip Tile
1050X960mm



T-joint
240X400X400mm



End Cap
300X80X330mm



End Piece
200mm

Classical tiles are new products developed on the basis of synthetic resin tiles in response to market changes and customer demands.





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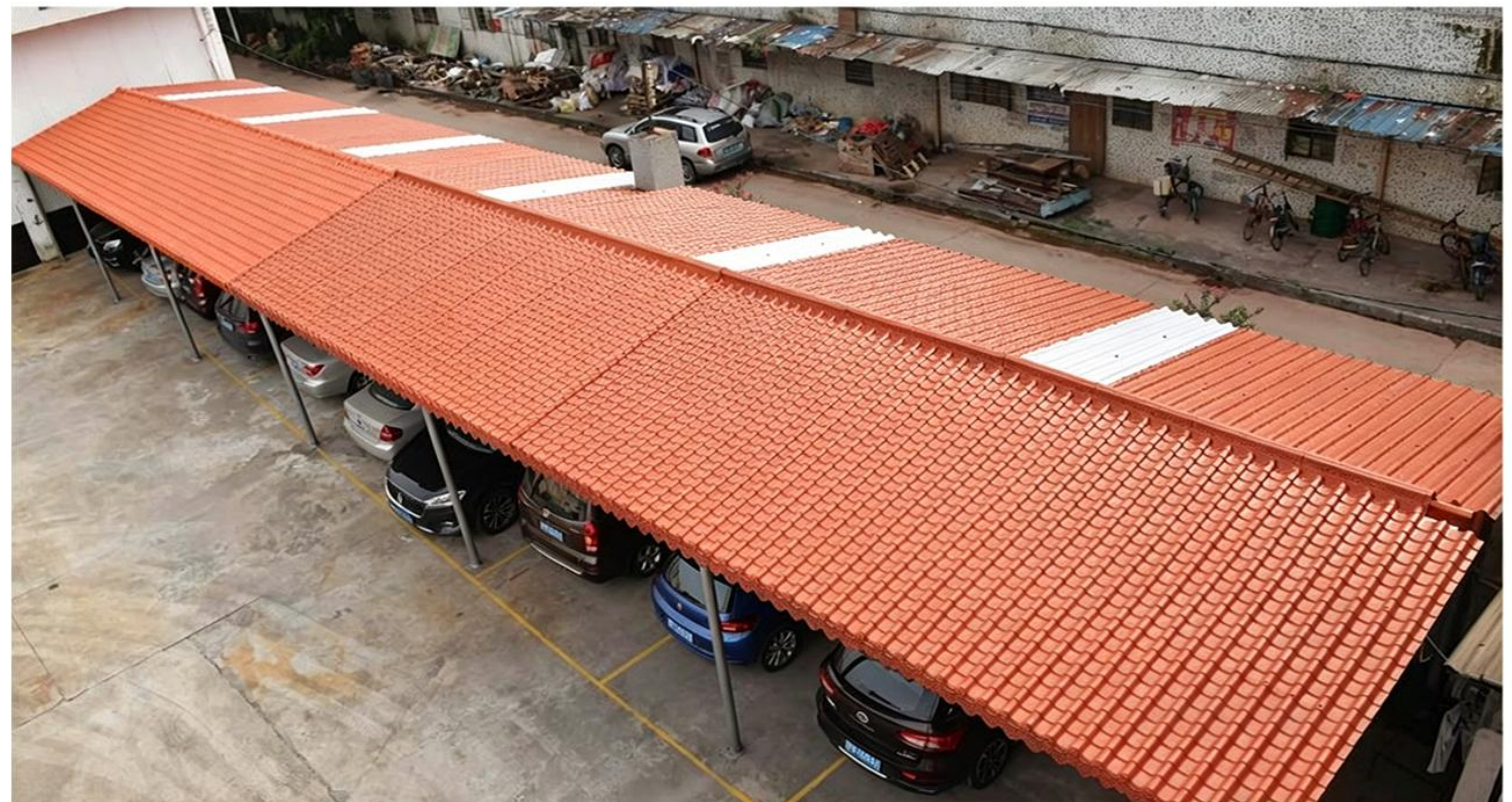


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Product Applications & Engineering Cases

Application Fields:

Renovation of traditional old roofs, tourist scenic spots, and renewal of historic buildings (ancestral halls, city gates, temples, etc.).



03 Resin Small Grey Tiles

25-year service life, color unchanged within 10 years

Ancient Style,
Original Nature.



Product Specifications

Thickness: 2.5mm, 3.0mm

Length: Customized in multiples of pitch

Width: 1050mm Pitch: 125mm

Colors:

Guangzhou Red, Dark Green, Ocean Blue, Burgundy, Grey, Blue Grey



Profile Drawing



Resin Small Grey Tiles Accessories



Round Main Ridge
1100X460mm



Square Main Ridge
1100X460mm



Round End Cap
450X330mm



Square End Cap
360X330mm



Special Fascia
1100X450X330mm



Square Hip Tile
1100X360X330mm

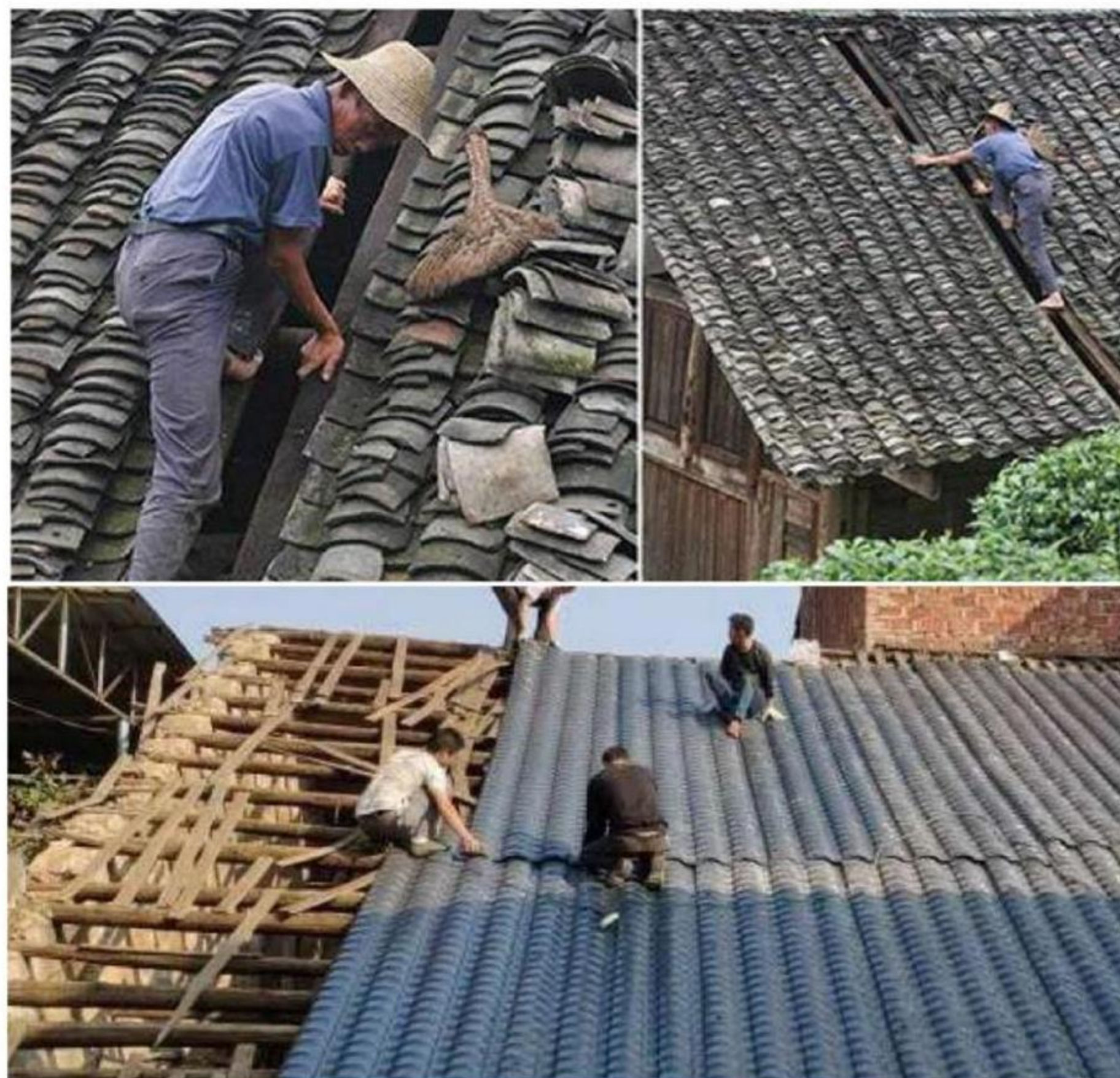


Special Drip Edge
1100X150mm



Square T-Tee
330X150mm

Our resin antique small blue tiles are tailor-made for new rural construction and ancestral home refurbishment.





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Product Applications & Engineering Cases

Application Fields:

New rural construction, ancestral house renovation, old building reconstruction, tourist scenic areas, etc.





04 Resin Roman Tiles

30-year service life, color unchanged within 10 years

Representative of European classicism and steeped in history and culture, it lets modern audiences feel the profound heritage and timeless spirit of classical architecture.



Product Specifications

Thickness: 2.5 mm, 3.0 mm
Length: Customized to double multiples of pitch
Actual width: 1080 mm
Effective coverage width: 940 mm
Pitch length: 328 mm
Recommended purlin spacing: 984 mm

Profile Drawing



Resin Small Grey Tiles Accessories



Main Ridge Tile



Hip Ridge Tile



Fascia Capping



T-joint



Special Fascia Board



Special Eaves Drip Trim





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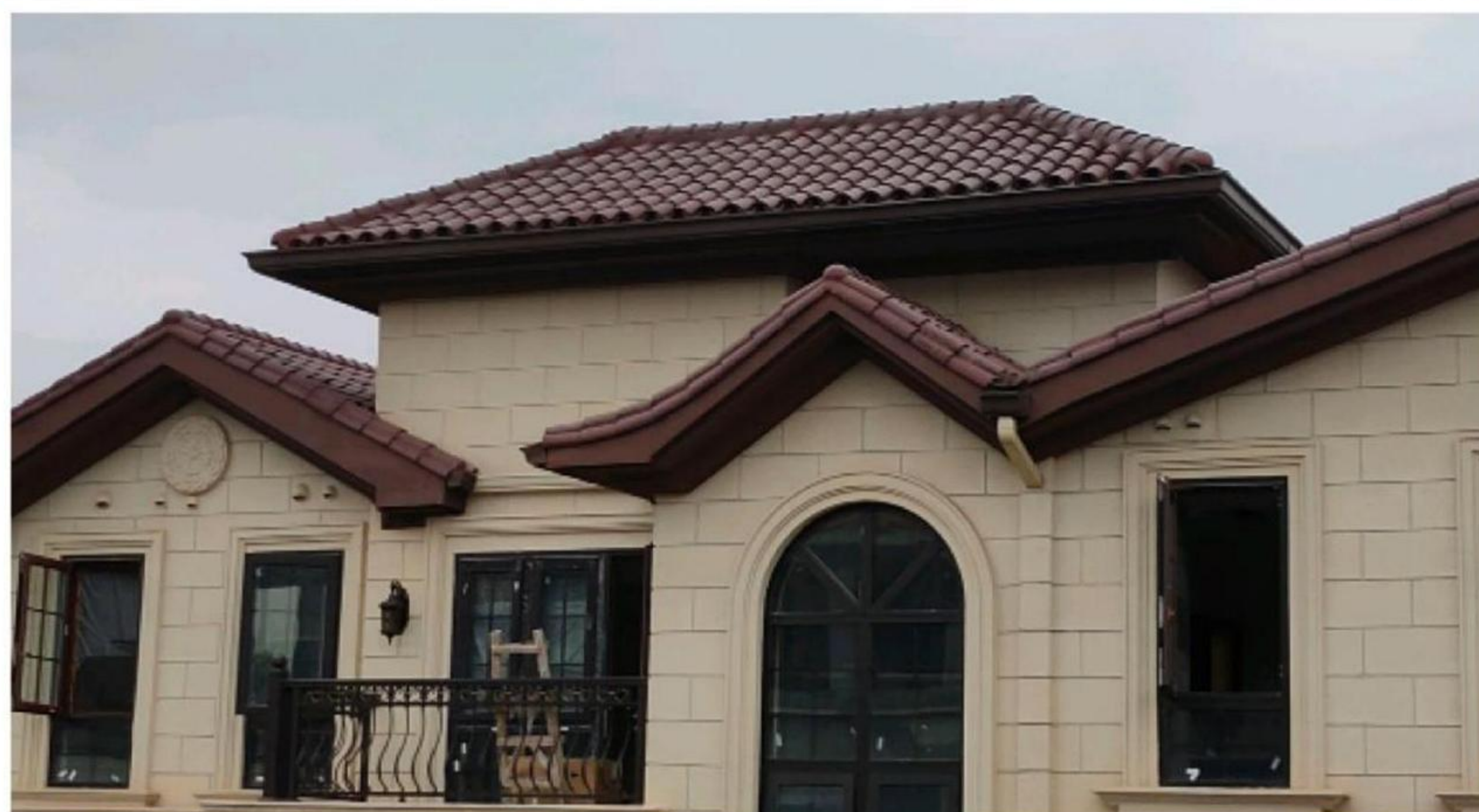
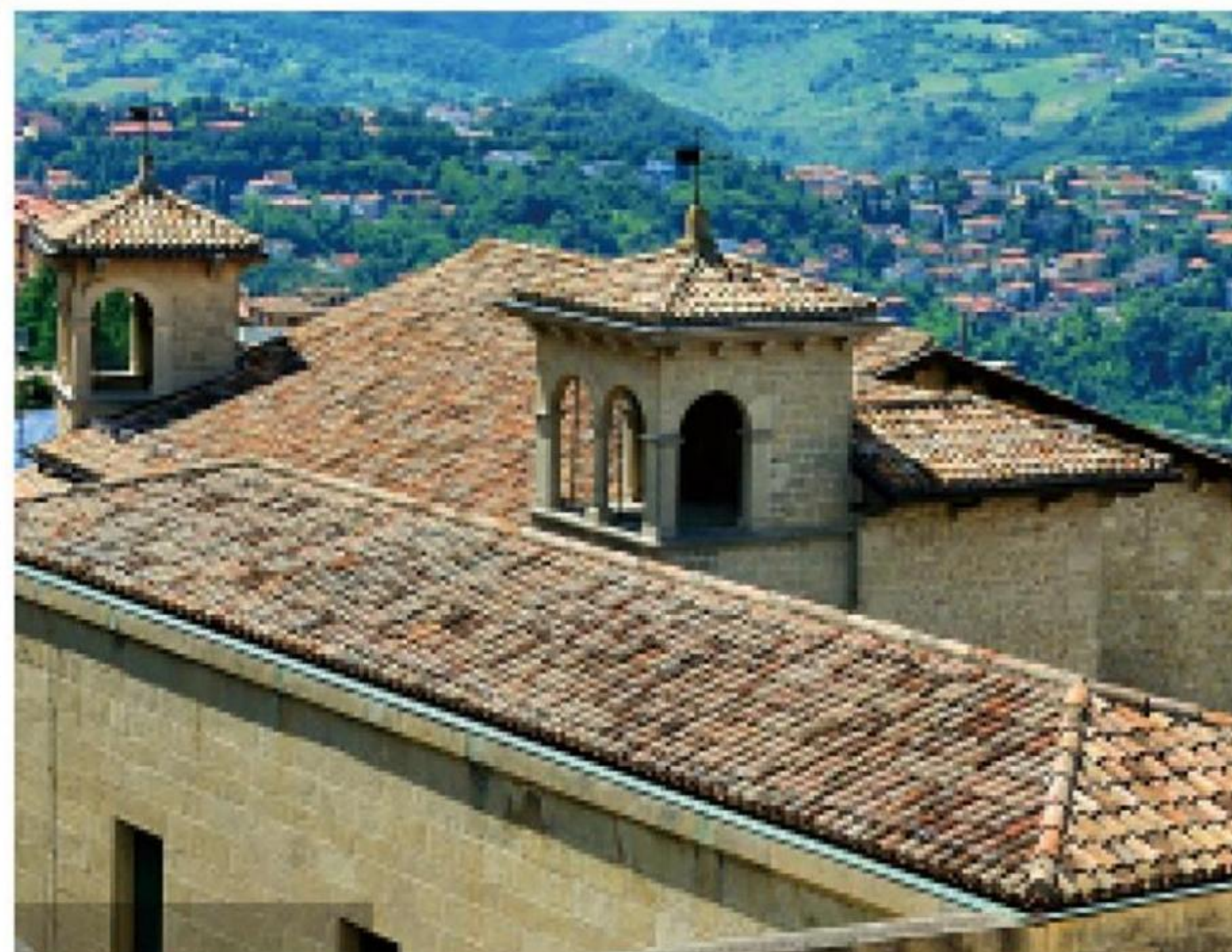


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Product Applications & Engineering Cases

Application Fields:

Applicable to western-style antique buildings, high-end buildings, renovation and renewal of historic architectures (churches, temples, city gates, etc.), reconstruction of ancient old houses, tourist scenic areas and other projects.





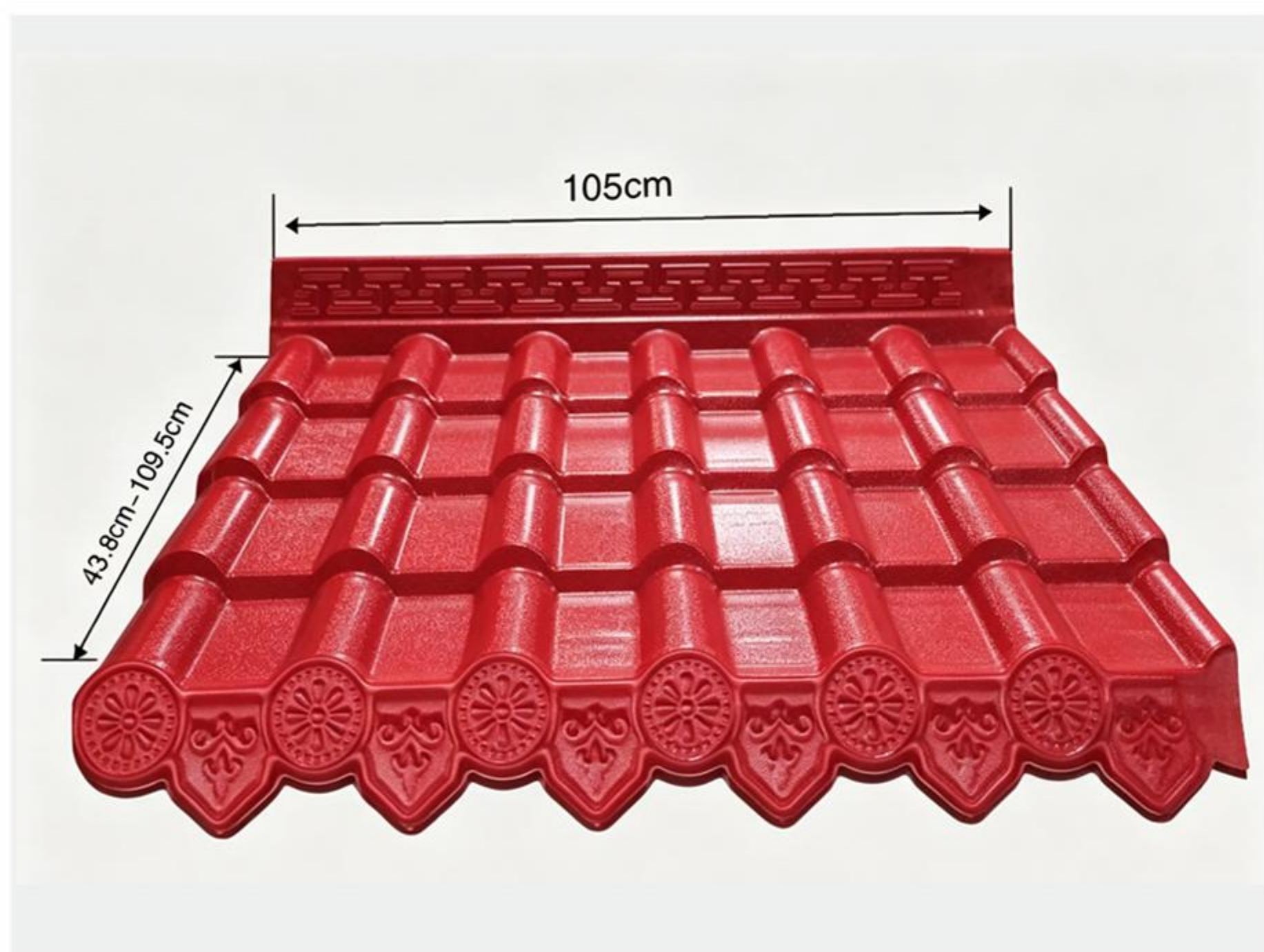
05 ASA Integrated Tile

Reform and innovate traditional elements for new constructions to build Neo-Chinese architecture with oriental aesthetics.



Integrated Resin Tile

Classical Integrated Tile



Specifications of Integrated Resin Tile

Specifications of Classical Integrated Tile

Thickness: 2.2 mm
Length: 43.8 cm, 65.7 cm, 87.6 cm, 109.5 cm
Width: 105 cm
Colors: Grey, Jujube Red, Brick Red, Blue

Thickness: 2.2 mm
Length: 30 cm, 40 cm, 50 cm, 60 cm, 70 cm, 80 cm, 90 cm, 100 cm, 110 cm, 120 cm, 130 cm, 140 cm, 150 cm, 160 cm
Width: 103 cm
Colors: Grey, Jujube Red, Brick Red, Blue



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Product Applications & Engineering Cases

Application Fields:

Gateheads, enclosing walls, balconies, window sills, bus shelters, store decorations, advertising billboards, especially roof decoration projects for rural and urban renovation.





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Test & Inspection Center



UV accelerated weatherproof tester



Chamber electric furnace



Direct reading electronic densimeter



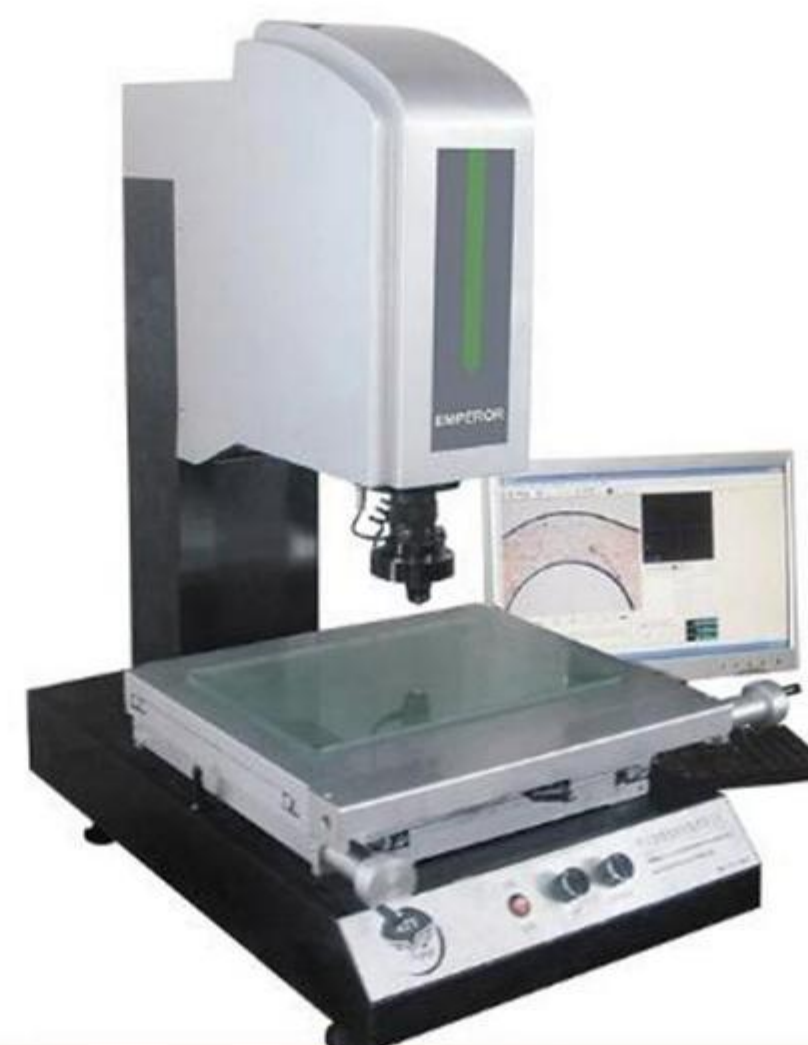
Moisture analyzer



Universal material tensile
test machine



PV Impact tester



Two dimensional image
measuring instrument



Izod Impact



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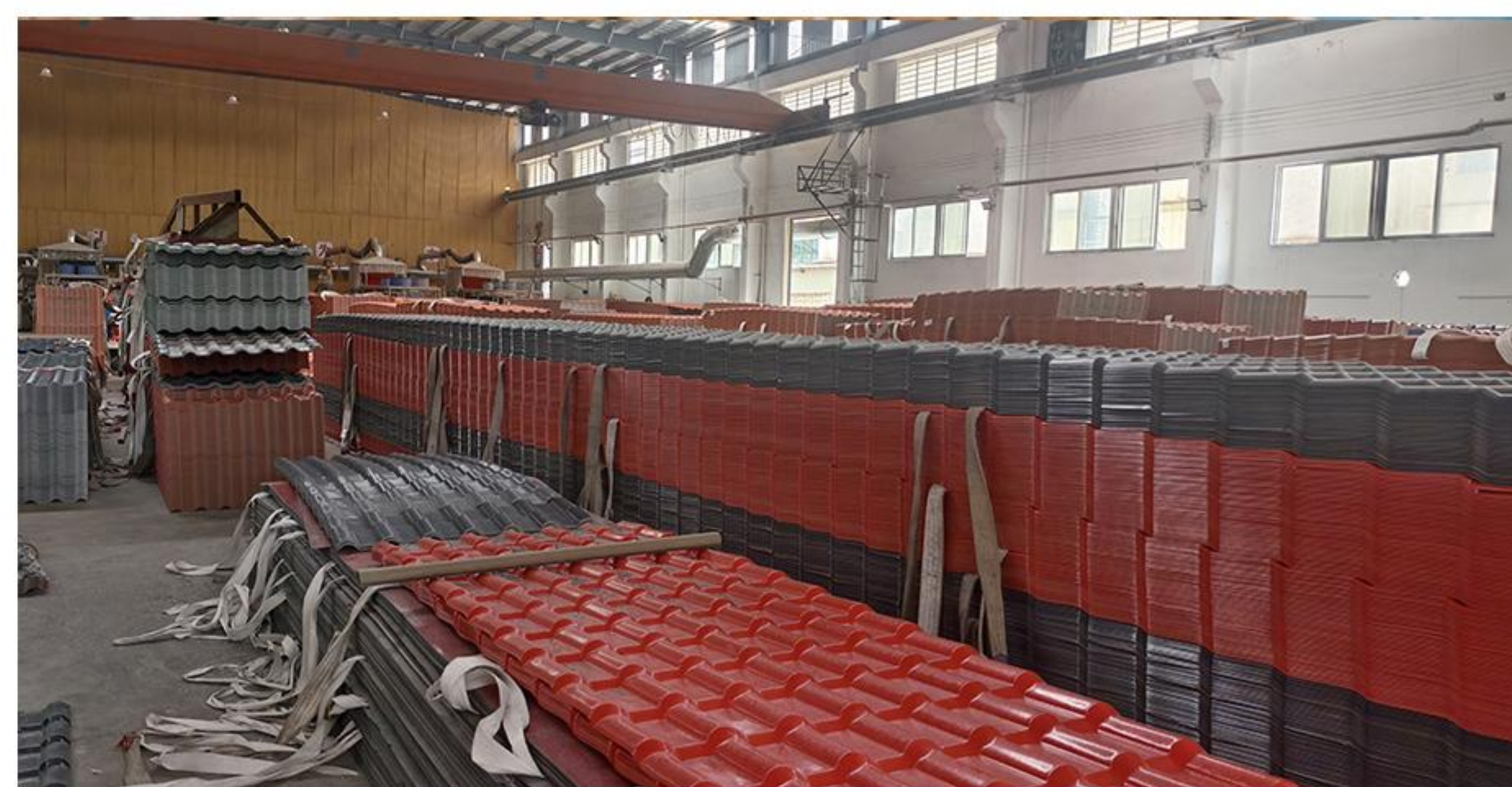


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Corporate Image Display



Factory Showcase





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i Special Reminder: Our company reserves the right to modify the appearance and accessories of products without prior notice.
All product dimensions and colors shall be subject to the actual goods.

Foshan loongcreate New Materials Tech Co., Ltd.

Craft fine materials with ingenuity, create a shared future hand in hand.

CONTACT INFORMATION



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