THEGIOINGOI.COM

[栄四郎瓦]のすべて
All The Items of EISHIRO



EISHIRO 栄四郎瓦



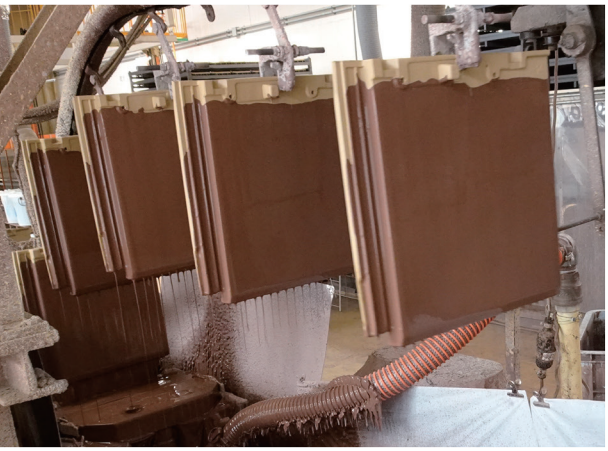
Raw Clay Excavation (Yamafusa Co., Ltd.)



Manufacturing Process (Forming)



Manufacturing Process (Drying)



Manufacturing Process (Glazing)

Message

Eishiro Kawara Co., Ltd. conducts the production and sales of clay roof tiles with two missions. One mission is to inherit Japan's clay roof tile culture, which has a history of 1,400 years, and to supply clay roof tiles for traditional buildings. As times have changed and regional architectural cultures have diversified, various tile forms have been created, and clay roof tiles have developed as a valuable building material within Japan's architectural culture. However, in recent years, the number of smoked roof tile producers has been decreasing due to the Westernization of building styles. Eishiro Kawara Co., Ltd. is the largest manufacturer of smoked roof tiles and is believed to be the clay roof tile manufacturer that has continued production for the longest time in Japan. With the mission of inheriting the design and craftsmanship of clay roof tiles and passing them on to future generations, we aim to further contribute to the development of a rich clay roof tile culture.

The other mission is to supply high-quality roofing materials for buildings, starting with residential housing. Although clay roof tiles have a long history, the fact that they have been used continuously over long periods without decline proves their superior performance. Today, various new roofing materials have been developed to address ease of installation and reductions in construction costs, but their performance does not compare to that of clay roof tiles. Clay roof tiles excel in various performance aspects such as durability, sound insulation, and aesthetics, and are also well suited as roofing materials that consider the environment and surrounding landscape. With the mission of encouraging more people to use clay roof tiles with these outstanding characteristics, we aim to create even higher levels of performance. Taking pride and joy in delivering our product, "Eishiro Kawara," to the world, all employees are sincerely committed to the production of clay roof tiles.

Eishiro Kawara Co., Ltd.
President and Representative Director

Tomohisa Momiyama

Basic Management Policy of Eishiro Kawara Co., Ltd.

In order to fulfill corporate responsibility in business activities such as manufacturing, sales, and services, we establish the following principles, promote a management system, and continuously improve its effectiveness.

1：Keep quality as the top priority and act with awareness and responsiveness.
2：Refine our sensibility and place importance on attention to detail.
3：Do not be swayed by trends, and take a long-term perspective looking a hundred years ahead.
4：Create a comfortable workplace environment and ensure the safety and health of employees.
5：Comply with laws, regulations, and other commitments.
6：Make efforts to conserve resources and reduce the amount of waste generated.
7：Thoroughly prevent pollution in all operational activities.
8：Act with constant consideration for environmental impact and strive to provide products with a low environmental burden.

Company History

Toward the next 100 years, building on more than 200 years since our founding

Kyowa 1 (1801): The first generation, Kinzo Momiyama, begins manufacturing roof tiles.

Bunkyu 1 (1861): The third generation, Eishiro Momiyama, expands sales channels.

Meiji 15 (1882): The fourth generation, Kinzo Momiyama, supplies roof tiles to shrines and temples and expands sales channels in the Owari and Kishu regions.

Taisho 14 (1925): The fifth generation, Kinjiro Momiyama, temporarily produces salt-fired tiles known as “Bunka Kawara” and further expands sales channels for black roof tiles throughout the Kanto region.

Showa 23 (1948): With capital of 2 million yen, Maruei Shoten is established as a partnership company, and a dedicated kiln for salt-fired tiles is installed.

Showa 38 (1963): One tunnel kiln is newly installed.

Showa 40 (1965): After changing the company name to Momiyama Shoten as a partnership company, Maruei Shoten Co., Ltd. is established, and capital is increased to 8 million yen.

Showa 41 (1966): The Nishibata Plant is newly built in Oaza Nishibata, Hekinan City, and one tunnel kiln is installed.

Showa 43 (1968): The company name is changed to Maruei Togyo Co., Ltd., and capital is increased to 13 million yen.

Showa 47 (1972): The seventh generation, Yoshihisa Momiyama, assumes office as President and Representative Director.

Showa 55 (1980): The Kinuura Plant is newly built and completed in Suma-machi, Hekinan City.

Showa 63 (1988): A tunnel kiln for Smoked Silver tiles is installed at the Kinuura Plant and production begins. The Kitakyushu sales office is relocated to Nakaharu-machi, Miyaki-gun, Saga Prefecture.

Heisei 1 (1989): The Head Office building, designed by Shozo Uchii, is completed in Shirosawa-machi, Hekinan City.

Heisei 3 (1991): The brand name “Eishiro Kawara” is established.

Heisei 5 (1993): Special-order Smoked Silver tiles, wall tiles, and paving tiles are adopted for the Fukiage Palace of the Imperial Palace.

Heisei 12 (2000): In January, the Tamatsuura Plant is completed. In February, Their Imperial Highnesses Prince and Princess Akishino visit the Head Office building, manufacturing facilities, and the Eishiro Workshop.

Heisei 18 (2006): In May, the Third Plant at the Head Office is completed as a production base for newly developed flat roof tiles.

Heisei 22 (2010): In April, Tomohisa Momiyama assumes office as President and Representative Director.

Heisei 29 (2017): In January, the Head Office North Plant is acquired. In February, capital is increased to 100 million yen. In September, the company name is changed to Eishiro Kawara Co., Ltd.

Reiwa 5 (2023): In July, the Kanto Office is relocated to Utsunomiya City, Tochigi Prefecture. In December, all shares of Yamafusa Co., Ltd. are acquired, making it a wholly owned subsidiary.

Reiwa 7 (2025): In July, all shares of Tensho Kawara Co., Ltd. are acquired, making it a wholly owned subsidiary.



Manufacturing Process (Firing)



Custom Made Product Production



Indoor Exhibition Area (Head Office)



Outdoor Exhibition Area (Head Office Plant)


Proud Plain
プラウドプレイン
Nordic Black


Nordic Brown


ROMAN LL40 Hyper-Z
ローマン
ハイパー
Matte Black


Matte Black


Proud
プラウド
UU40G
Matte Black


Matte Brown


Proud
プラウド
BB40
Hyper-X
ハイパーエックス
Matte Black


Light Red

[EISHIRO KAWARA] Color & Shape Chart

[Color Classification] Smoked Silver Glazed Tile Natural Glazed Tile

THEGIOINGOI.COM

Flat Tiles

Proud Plain プラウドプレイン

Disaster Prevention | Waterproofing | Heat Insulation + Thermal Insulation | Low-slope Installation | Solar Panel Compatibility
Cold Resistance | Fire Resistance | Soundproofing | 20-year Product Warranty | CJK Long-term Use Compliant Components

39pcs ／ tsubo
Effective Dimension
(LxW)
＝280X306mm

Silver Black



H.I ★★

Matte Black



H.I ★★

Matte Brown



H.I ★★

Roman LL40 Hyper-Z ローマン ハイパーゼット

Disaster Prevention | Waterproofing | Heat Insulation + Thermal Insulation | Low-slope Installation | Solar Panel Compatibility
Cold Resistance | Fire Resistance | Soundproofing | 20-year Product Warranty

39pcs ／ tsubo
Effective Dimension
(LxW)
＝280X306mm

Smoked Silver



H.I ★★

Silver Black



H.I ★★

Matte Black



H.I ★★

Matte Brown



H.I ★★

Proud UU40G プラウド

Disaster Prevention | Waterproofing | Heat Insulation + Thermal Insulation | Low-slope Installation | Solar Panel Compatibility
Cold Resistance | Fire Resistance | Soundproofing | 20-year Product Warranty | CJK Long-term Use Compliant Components

39pcs ／ tsubo
Effective Dimension
(LxW)
＝280X306mm

Silver Black



H.I ★★

Matte Black



H.I ★★

Matte Brown



H.I ★★

Proud BB40 Hyper-X プラウド ハイパーエックス

Disaster Prevention | Waterproofing | Heat Insulation + Thermal Insulation | Low-slope Installation | Solar Panel Compatibility
Cold Resistance | Fire Resistance | Soundproofing | 20-year Product Warranty

39pcs ／ tsubo
Effective Dimension
(LxW)
＝280X306mm

Silver Black



H.I ★★

Matte Black



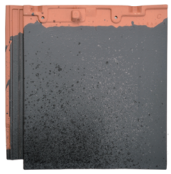
H.I ★★

1sun = 3.03cm
1shaku = 30.3cm
1tsubo = 3.3 ㎡
L&W = Length and Width
C/O = Custom Order

Regarding "Heat Insulation = H.I."
☆☆･･･Infrared Reflectance 15 ～ 40%　☆☆☆･･･Infrared Reflectance 40% or More

Products may be changed without prior notice for improvement.
Due to the nature of printed materials, the actual product color may differ slightly.

Nordic Black



H.I ★★

Nordic Brown



H.I ★★★

Nordic Gray



H.I ★★★

Matte Green



H.I ★★

Matte Green



H.I ★★

Light Red



H.I ★★★

Light Choco



H.I ★★★

Matte Green



H.I ★★

Light Red



H.I ★★★

Light Choco



H.I ★★★

Light Ocher



H.I ★★★

Ivory



H.I ★★★

Nordic Black



H.I ★★

Nordic Brown



H.I ★★★

About Eishiro Kawara

Since its founding in 1801, Eishiro has expanded its market both domestically and internationally.
Today, the company holds the No. 1 position in Japan for Smoked Silver roof tile production, with its products widely used in historic temples, shrines, and other cultural heritage buildings.
In 1991, the brand name “Eishiro Kawara” was established, and in 2017 the company was officially renamed Eishiro Kawara Co., Ltd.
As Japan’ s oldest roof tile manufacturer, we continue to deliver Sanshu Kawara, Japan’ s most renowned tile brand, through an integrated process from clay preparation to manufacturing and sales.

銀いぶし瓦 No.1 ※国内生産量

栄四郎瓦株式会社 SINCE 1801 創業享和元年

Earthquake resistance? Thermal insulation performance? Roof slope?

What’s essential for a tiled roof?

- Disaster Prevention
- Waterproofing
- Heat Insulation + Thermal Insulation
- Low-slope Installation
- Solar Panel Compatibility
- Cold Resistance
- Fire Resistance
- Soundproofing
- 20-year Product Warranty



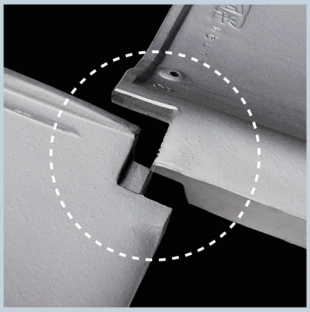
QUALITY
01

Disaster prevention

Interlocking, self-supporting tile structure
×
Earthquake-compliant
Guideline Construction Method



Photo: Proud Plain


Photo: J-Type (Sogi)

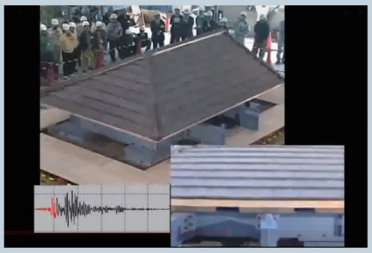
Interlocking tiles support each other, providing reliable protection against earthquakes and typhoons.

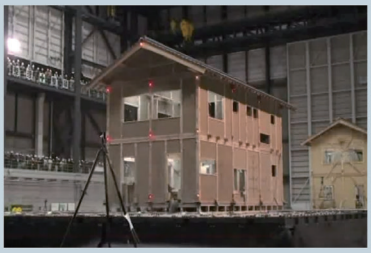
Every tile is firmly fastened and tightly interlocked to create a disaster-resistant roof system.
Installed using the latest test-based "Guideline Construction Method," it delivers exceptional earthquake and wind resistance.

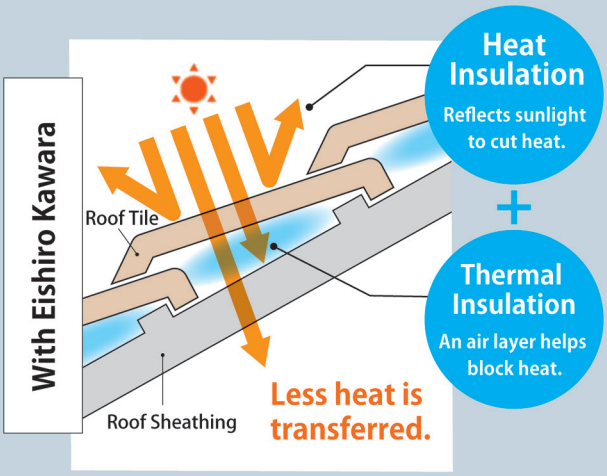
Since 2022, fastening methods for tiled roofs have been strengthened to better withstand typhoons and other strong winds. (For further details, please see our website.)

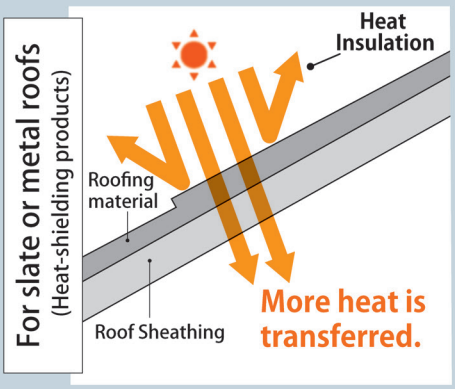
Guideline Construction Method for Earthquake Resistance

Many people still believe that tiled roofs are weak against earthquakes.
However, when a building is properly constructed using the current **Guideline Construction Method for Earthquake Resistance**, tests by professional institutions have confirmed that it remains safe even under shaking equivalent to the Great Hanshin-Awaji Earthquake or the Great East Japan Earthquake.
According to Japan's Building Standards Act, whether a roof is heavy or light, the structure is designed to match its weight. As a result, the overall earthquake resistance of the completed building is essentially the same.
In fact, because heavier roofs require stronger columns, braces, and walls to support them, such structures may actually offer greater safety during seismic events.


Test on a hipped roof (Yosemune type). No tile slippage, uplift, or detachment was observed. (October 2004)


Even in full-scale seismic testing of a traditional wooden post-and-beam house, the installed roof tiles showed no damage. (November 2008)





QUALITY
02

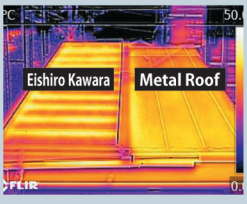
Blocks intense summer sunlight to reduce indoor temperature rise.

Heat Insulation + Thermal Insulation

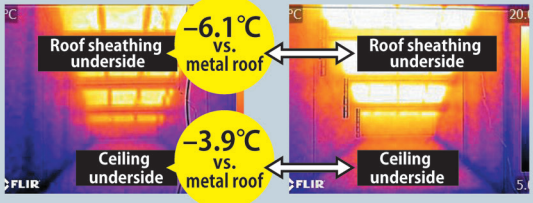
Eishiro roof tiles, made from natural clay, possess a low heat conductivity that helps reduce heat transfer.
In addition, the air layer created between the tiles and the roof sheathing during installation further enhances thermal insulation efficiency.
Compared to slate or metal roofing materials, which have little to no air layer, Eishiro tiles effectively block external temperature changes, contributing to a more comfortable indoor environment.

Tile vs. Metal Roof: Surface and Attic Temperature Differences (Thermal image comparison)

Roofing material surface



Attic (Eishiro Kawara) / Attic (Metal Roof)

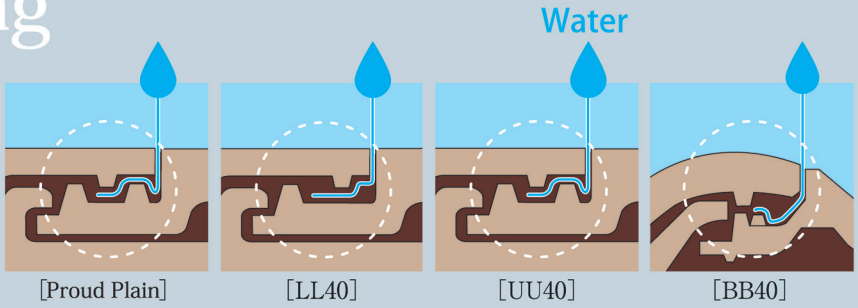


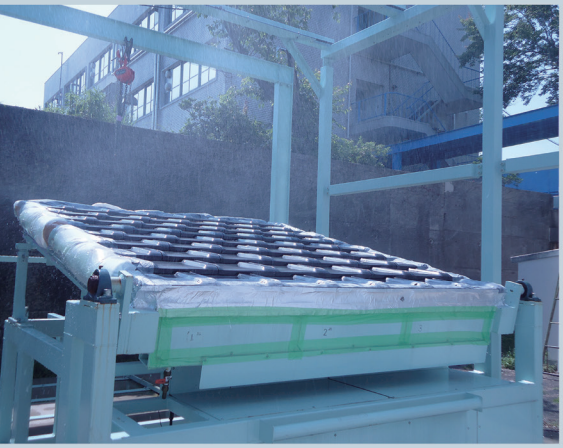
The superior thermal insulation of Eishiro roof tiles helps keep attic temperatures lower.

QUALITY 03

Waterproofing

In Japan, where annual rainfall is high, an important aspect of roofing materials is how efficiently they drain rainwater and prevent leaks into the roof structure.
Eishiro roof tiles are designed with water guides and return edges that channel rainwater effectively, achieving superior waterproof performance.

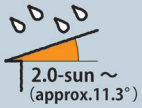




QUALITY 04

Low-Slope Installation

Compatible with low-slope roofs



Some products are excluded.

To meet the growing demand for low-slope and single-pitch roofs, which offer advantages such as reduced wind impact during typhoons, easier installation, and lower material costs due to smaller roof areas, we conducted new official wind and rain tests. Based on the results, we have updated our standard roof slope and flow length specifications.

Scene from the wind and rain test on a 2.0-sun slope roof (photo: UU40G).

QUALITY 05

Cold Resistance

Widely used even in cold regions.

In regions where outdoor temperatures remain below freezing for extended periods during winter, roof tiles are exposed to the risk of frost damage caused by the freezing of moisture within the material. Such damage can lead to cracks or water leakage. The key factor in preventing this is the material's water absorption rate. Eishiro roof tiles have an absorption rate of 8% or less, which is far below the *JIS standard requirement, making the risk of frost damage extremely low.

*According to JIS A 5208, the water absorption rate is 12% or less for glazed tiles and 15% or less for Smoked Silver tiles.



Outdoor exposure test conducted in Asahikawa, Hokkaido since autumn 2009.

QUALITY 06

Fire Resistance

***Non-combustible material certified under the Building Standards Act.**



Manufacturing process (firing)

To prevent the spread of fire caused by flying sparks, the fire resistance of roofing materials is a critical factor. One of the main reasons that traditional thatched and wooden roofs were replaced by tiled roofs is their superior fire resistance. Since Eishiro tiles are ceramic products fired at high temperatures, they do not burn even in the event of a fire.

*Building Standards Act (Act No. 201 of 1950), Article 2, Item 9
(Ministry of Construction Notification No. 1400, May 30, 2000 /
Latest revision: Ministry of Land, Infrastructure, Transport and Tourism Notification No. 1178, September 29, 2004)

QUALITY 07

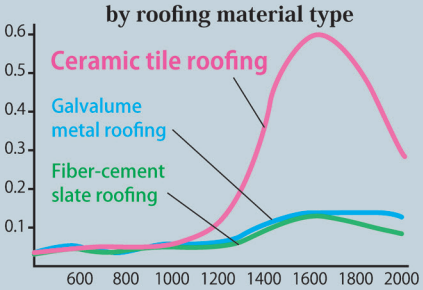
Soundproofing

Provides a quiet space.

Have you ever been bothered by the loud, pounding sound of rain hitting the roof during a heavy downpour? Compared to metal or slate roofs, Eishiro roof tiles offer excellent soundproofing performance and produce very little unpleasant noise.



Sound absorption rate by roofing material type



At 1600 Hz, the frequency range to which the human ear is most sensitive, roof tiles show a high sound absorption rate of 0.58, demonstrating excellent soundproofing performance.



Japanese-style Smoked Silver
(stand-mounted type)

QUALITY 08

Solar Panel

can also be installed.

Whether installing stand-mounted solar panels placed on top of the finished roof tiles or integrated solar panels built into the tile roofing itself, the entire roof achieves a clean and beautiful appearance.

QUALITY 09

20-year warranty on the product itself

Eishiro Kawara provides a 20-year warranty on the product itself for newly constructed buildings, effective from the date of installation completion. (This warranty applies to prime contractors, housing companies, and construction firms.) For details on warranty coverage and conditions, please contact us.

Image of maintenance cost comparison

(Estimated based on a roof area of 100 m²)

	Fiber-cement slate and metal roofing	Eishiro Roofing
Initial cost	～¥800k (~¥8,000/m²)	～¥1.0M (~¥10,000/m²)
After 15 years	～¥600k (Surface coating)	—
After 30 years	～¥1.4M (Re-roofing)	—
Total	～¥2.8M (Surface coating + Re-roofing)	～¥1.0M

Over a 30-year period, roof tiles can save you around ¥1.8 million!

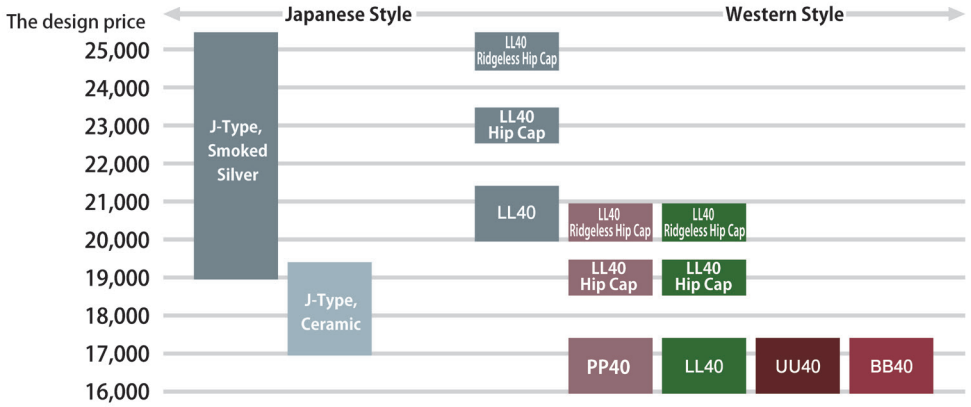
●The cost of fiber-cement slate is calculated based on data from the Housing Industry Council.
(It varies depending on the product.)
(Roof underlayment, roof decking, and ridge-related components require periodic inspection and maintenance.)

Very economical in the long run.

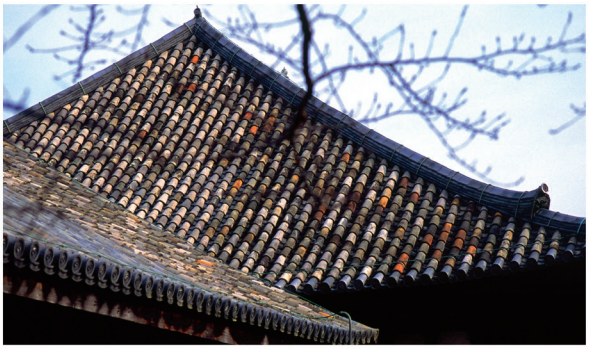
It is true that roof tiles have a higher initial cost compared to other roofing materials. However, tiled roofs require almost no maintenance costs. On the other hand, in the case of slate or metal roofs, depending on the product, fading and rust may begin to appear after around ten years, requiring regular repainting or re-roofing. Considering a lifespan of 30 to 40 years, roof tiles are durable, long-lasting, and maintenance-free, making them by no means an expensive roofing material in the long run.

Appearance design and price range of [Eishiro Kawara]

The design price indicates the standard reference price per square meter of roof area.



- The design price indicates the standard reference price per square meter of roof area.
- Prices may vary depending on the color.
- Please note that there may be significant price differences depending on the product.



Ancient roof tiles that have withstood 1,400 years of wind and snow
(Gango-ji Temple, Nara Prefecture)

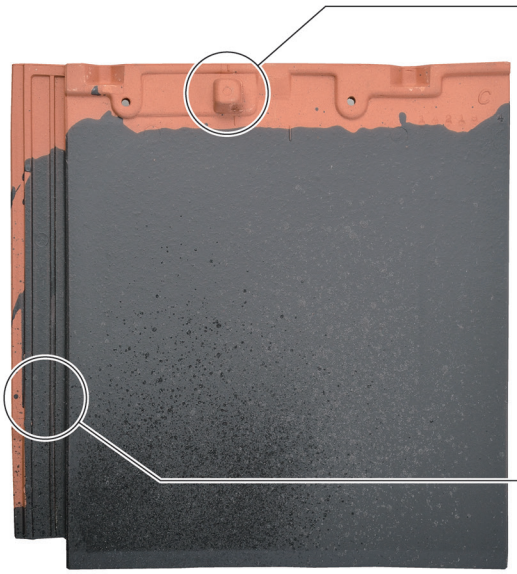
Roof tiles are the most durable material among all roofing materials.

There are times when a roof must withstand heavy loads, such as when people step on it during construction or snow removal. Eishiro Kawara roof tiles fully comply with JIS (Japanese Industrial Standards), which are Japan's national standards that define the quality, safety, and performance requirements for industrial products, and ensure excellent compressive strength against such loads. In addition, they are highly resistant to acid rain and salt damage in coastal areas, and have been recognized for their superior chemical resistance compared to other roofing materials.

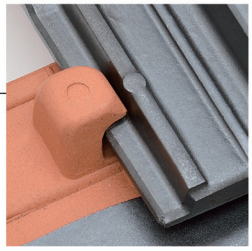
A simple and modern full-flat roof tile with enhanced maintenance performance.

Proud Plain
プラウドプレイン

Disaster Prevention | Waterproofing | Heat Insulation + Thermal Insulation



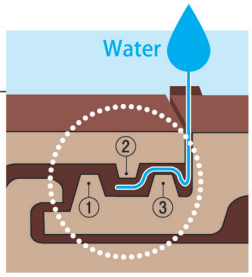
Nordic Black



The tiles support and lock each other in place, providing safety and stability even during earthquakes and typhoons.

Each roof tile is individually fixed to the roof and interlocked securely with the adjacent tiles, creating a disaster-resistant structure. In addition, installation using the latest "Guideline Construction Method," based on the most recent test data, provides excellent resistance to both earthquakes and strong winds.

To prepare for strong wind damage such as typhoons, the fastening method for roof tiles was reinforced starting in 2022. (For details, please check our website →)



Waterproofing

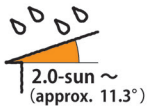
With excellent water resistance, it completely shuts out water intrusion.

Even water leaks through small gaps are prevented by a triple water-barrier structure. Tests conducted under extremely harsh leakage conditions have proven its strong waterproof performance, which also provides excellent protection even for low-slope roofs.

A simple yet refined roof tile design that beautifully complements both Western-style and modern Japanese-style homes. It also offers excellent functional performance, including disaster resistance and thermal insulation. The calm and dignified color tones create a rich and elegant expression for the roof.

Low-slope Installation

Applicable from 2.0-sun roof slope



To meet the growing demand for low-slope and single-pitch roofs, we conducted new official wind and rain tests and updated our standard roof slope and flow length specifications.



Matte Black

THEGIOINGOI.COM

Low-slope Installation | Solar Panel Compatibility | Cold Resistance | Fire Resistance | Soundproofing | 20-year Product Warranty | CJK Long-term Use Compliant Components





Standard Color

Matches any type of house exterior design



Natural Color

Natural gradation and texture inspired
by Scandinavian design and natural materials



Regarding Heat Insulation
☆☆･･･Infrared Reflectance 15～40%　☆☆☆･･･Infrared Reflectance 40% or More

※Colors may vary slightly from the actual product due to printing limitations.

Long-Term Use Compatible Components (CJK Components)

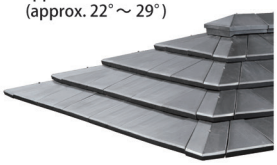
These are parts and materials designed with compatibility to facilitate easy maintenance over a long period of time. For roof tiles, this allows simple maintenance such as replacing individual tiles with equivalent products from other manufacturers that meet the same standards. These specifications are defined by the Council for the Standardization and Promotion of Long-Life Housing Components (CJK), an organization promoting the standardization and unification of housing parts and materials.

Design Variations for Ridge and Gable Sections

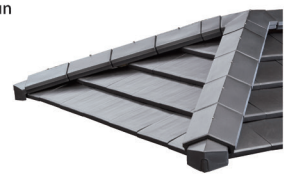
Hip Ridge Section

Ridgeless Hip Cap

Applicable Roof Pitch: 4-sun to 5.5-sun (approx. 22°～29°)



Trigangle Ridge With Foot

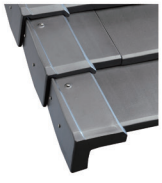


Gable Section

PP40 Seamless Gable



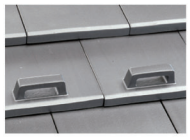
Wide Gable



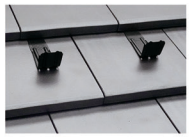
Snow Guard

The use and quantity of snow guard tiles vary depending on location and regional conditions.

Same-Type Snow Guard Tile



*Snow Guard Bracket



*Color Variations: Stainless, Black, Brown

A flat roof tile featuring a sharp, light design with excellent cost performance.

Roman ローマン LL40 Hyper ハイパー-Z

Disaster Prevention | Waterproofing | Heat Insulation + Thermal Insulation

Featuring a clean, refined flat-tile finish with a touch of traditional character, this design brings subtle elegance to the roof. The flat, sharp lines create a distinctive look that enhances the overall architectural impression. In addition to a range of standard colors that blend beautifully with any style of building, a premium Smoked Silver finish is also available, offering a modern interpretation of traditional Japanese aesthetics. A wide selection of accessory tiles allows you to design the roof to your preference.

Standard Color



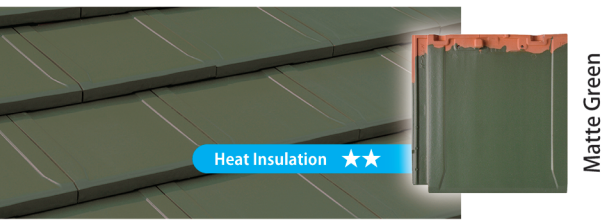
Silver Black



Matte Black



Matte Brown



Matte Green

Premium Color



Smoked Silver

⚠ **Please note that the Effective Dimension of the Smoked Silver tiles will be slightly smaller.**

Regarding Heat Insulation
☆☆･･･Infrared Reflectance 15 ～ 40%　☆☆☆･･･Infrared Reflectance 40% or More

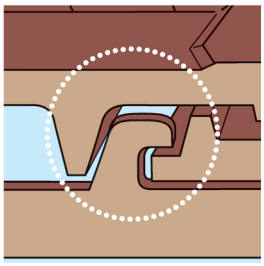
Disaster prevention

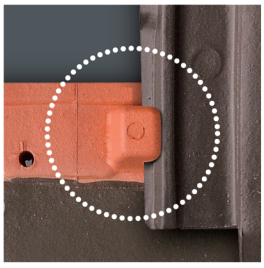
The tiles support and lock each other in place, providing safety and stability even during earthquakes and typhoons.

Hyper ハイパー-Z

Each roof tile is individually fixed to the roof and interlocked securely with the adjacent tiles, creating a disaster-resistant structure. In addition, installation using the latest "Guideline Construction Method," based on the most recent test data, provides excellent resistance to both earthquakes and strong winds.

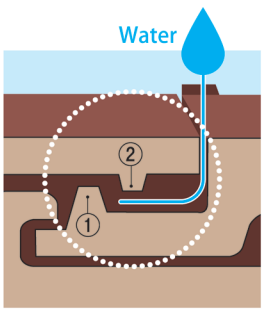
To prepare for strong wind damage such as typhoons, the fastening method for roof tiles was reinforced starting in 2022.
(For details, please check our website ↓)






Silver Black

Waterproofing

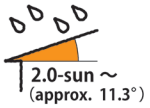


With excellent water resistance, it completely shuts out water intrusion.

The refined design features a double water-barrier system, with one projection on the underlap side (①) and another on the overlap side (②). Even if rainwater enters through the gaps between overlapping tiles during strong wind and rain, it is naturally drained back outside.

Low-slope Installation

Applicable from 2.0-sun roof slope

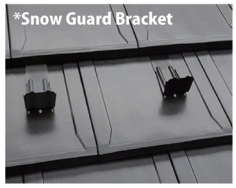


To meet the growing demand for low-slope and single-pitch roofs, we conducted new official wind and rain tests and updated our standard roof slope and flow length specifications.

Snow Guard

The use and quantity of snow guard tiles vary depending on location and regional conditions.





*Color Variations: Stainless, Black, Brown,Green

※Colors may vary slightly from the actual product due to printing limitations.

THEGIOINGOI.COM

Low-slope Installation | Solar Panel Compatibility | Cold Resistance | Fire Resistance | Soundproofing | 20-year Product Warranty





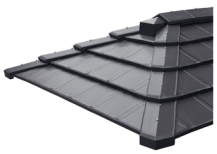


Design Variations for Ridge and Gable Sections

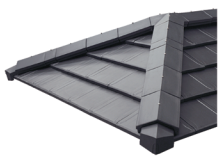
Hip Ridge Section

Hip Cap

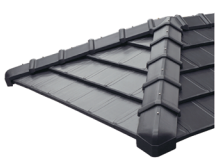
Applicable Roof Pitch:
4-sun to 6-sun (approx. 22°～31°)



Triangle Ridge With Foot

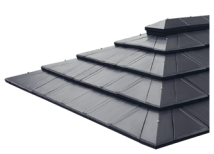


Triangle Ridge



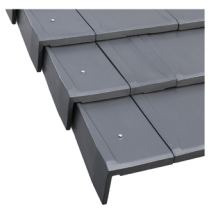
Ridgeless Hip Cap

Applicable Roof Pitch:
4-sun to 5.5-sun (approx. 22°～29°)

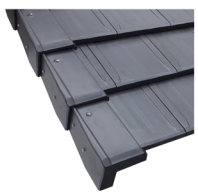


Gable Section

LL40 Seamless Gable L



Wide Gable L



A ceramic flat roof tile that enhances roof design with its soft form and elegant expression.

Proud プラウド UU40G

Disaster Prevention | Waterproofing | Heat Insulation + Thermal Insulation

The tile features raised U-shaped edges on both sides, enhancing its waterproof performance. Combined with the chidoribuki (staggered tile-laying method), this design brings a rhythmic appearance to the roof while maintaining the refined look of a flat tile. With a wide variety of color options, it creates a graceful harmony of functionality and beauty that complements both Western-style and modern architecture.

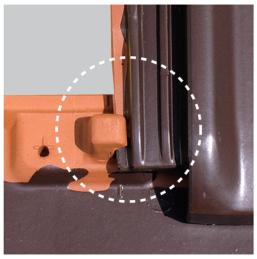


Matte Black









Disaster prevention

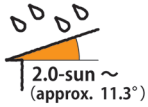
The tiles support and lock each other in place, providing safety and stability even during earthquakes and typhoons.

Each roof tile is individually fixed to the roof and interlocked securely with the adjacent tiles, creating a disaster-resistant structure. In addition, installation using the latest "Guideline Construction Method," based on the most recent test data, provides excellent resistance to both earthquakes and strong winds.

To prepare for strong wind damage such as typhoons, the fastening method for roof tiles was reinforced starting in 2022. (For details, please check our website →)

Low-slope Installation

Applicable from 2.0-sun roof slope

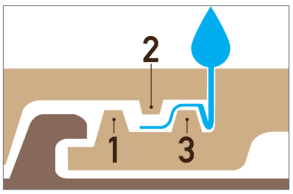


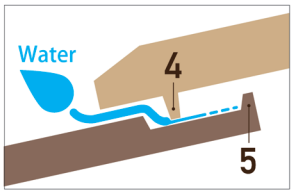
To meet the growing demand for low-slope and single-pitch roofs, we conducted new official wind and rain tests and updated our standard roof slope and flow length specifications.

Waterproofing

Further reinforced with a triple water-barrier structure

The edges of each tile feature a triple water-barrier structure that prevents water from flowing inward. In addition, water barriers are also built into the overlapping sections between upper and lower tiles, allowing the roof to effectively prevent water intrusion even on gentler slopes than conventional roofs.

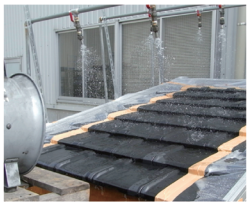




Amount of water leakage (g/m²/h) measured in blower-induced wind pressure tests

※Results based on multiple in-house test trials

We measured the amount of water leakage (g/m²) when roof tiles installed on a 2.5-sun slope roof were exposed for one hour to simulated rainfall equivalent to 600 mm per hour, while being subjected to wind at a speed of 15 m/s from the front of the roof.



Company A Product (Low-Slope Flat Tile)	Company B Product (Low-Slope Flat Tile)	Proud UU40G
5g	318g	1g

Shows an exceptionally excellent result.

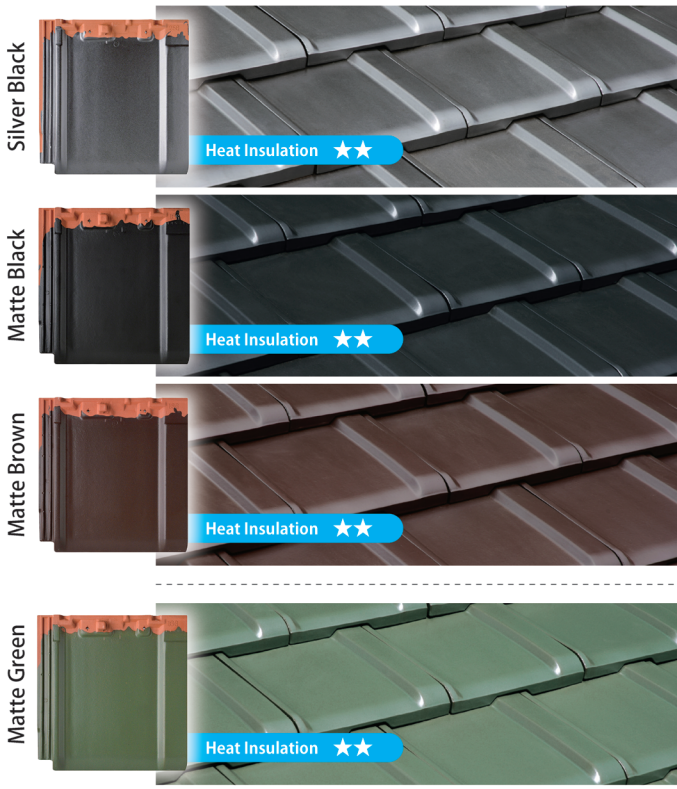
THEGIOINGOI.COM

Low-slope Installation | Solar Panel Compatibility | Cold Resistance | Fire Resistance | Soundproofing | 20-year Product Warranty | CJK Long-term Use Compliant Components





Standard Color



Natural Color



Regarding Heat Insulation
☆☆・・・Infrared Reflectance 15 ～ 40%
☆☆☆・・・Infrared Reflectance 40% or More

※Colors may vary slightly from the actual product due to printing limitations.

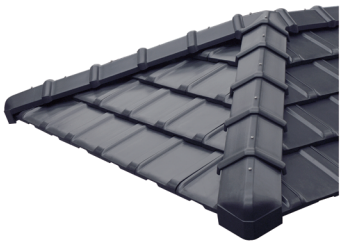
Long-Term Use Compatible Components (CJK Components)

These are parts and materials designed with compatibility to facilitate easy maintenance over a long period of time. For roof tiles, this allows simple maintenance such as replacing individual tiles with equivalent products from other manufacturers that meet the same standards. These specifications are defined by the Council for the Standardization and Promotion of Long-Life Housing Components (CJK), an organization promoting the standardization and unification of housing parts and materials.

Design Variations for Ridge and Gable Sections

Hip Ridge Section

Triangle Ridge



Gable Section

Wide Gable



Snow Guard

The use and quantity of snow guard tiles vary depending on location and regional conditions.

Same-Type Snow Guard Tile



*Snow Guard Bracket



*Color Variations: Black・Brown・Green・Orange

Creates a lively and refreshing roof appearance, where rippling waves of light shimmer and dance.

Proud プラウド BB40 Hyper-X ハイパーエックス

Disaster Prevention | Waterproofing | Heat Insulation + Thermal Insulation



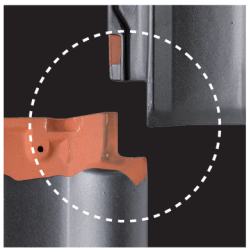
Silver Black

While maintaining the distinctive wave shape and sense of depth, this tile offers the same ease of installation as flat tiles. The fine, small waves create a balanced design that harmonizes beautifully with roofs of various shapes and sizes. It also delivers excellent functionality, including superior disaster resistance and thermal insulation. Available in nine color variations, it brings a rich and refined expression to any roof.

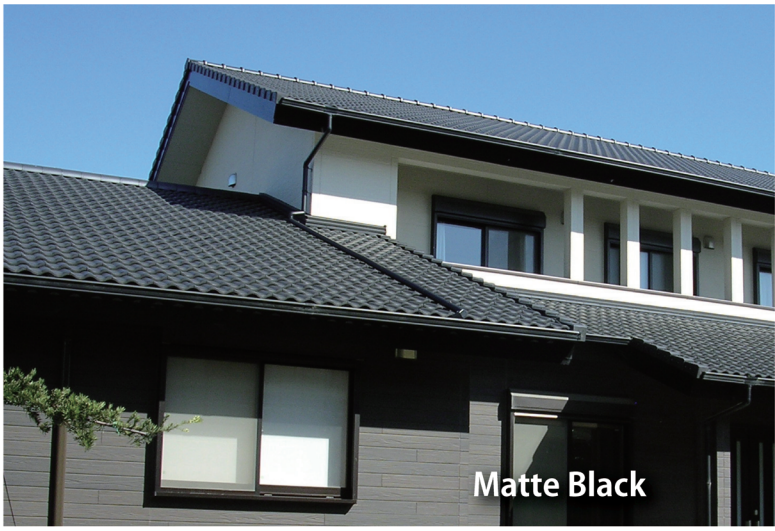
Disaster prevention

The tiles support and lock each other in place, providing safety and stability even during earthquakes and typhoons.

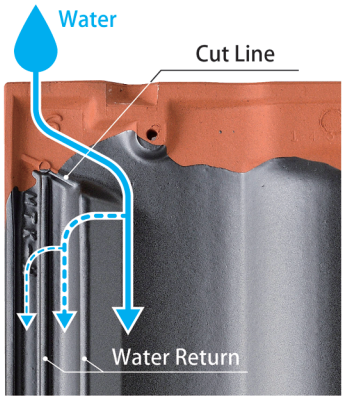
Each roof tile is individually fixed to the roof and interlocked securely with the adjacent tiles, creating a disaster-resistant structure. In addition, installation using the latest "Guideline Construction Method," based on the most recent test data, provides excellent resistance to both earthquakes and strong winds.



To prepare for strong wind damage such as typhoons, the fastening method for roof tiles was reinforced starting in 2022.
(For details, please check our website →)



Matte Black



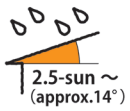
Waterproofing

With excellent water resistance, it completely shuts out water intrusion.

Even water leaks through small gaps are prevented by a triple water-barrier structure. Tests conducted under extremely harsh leakage conditions have proven its strong waterproof performance, which also provides excellent protection even for low-slope roofs.

Low-slope Installation

Applicable from 2.5-sun roof slope



To meet the growing demand for low-slope and single-pitch roofs, we conducted new official wind and rain tests and updated our standard roof slope and flow length specifications.



Light Red

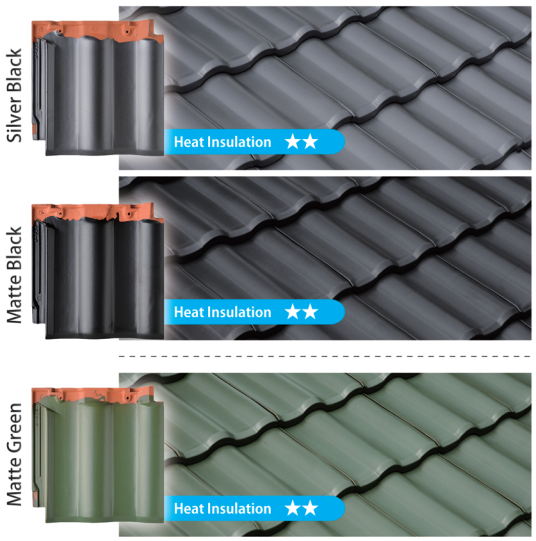
THEGIOINGOI.COM

Low-slope Installation | Solar Panel Compatibility | Cold Resistance | Fire Resistance | Soundproofing | 20-year Product Warranty





Standard Color



Natural Color



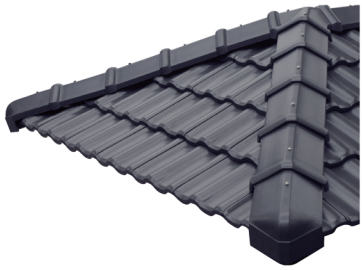
Regarding Heat Insulation
☆☆・・・Infrared Reflectance 15 ～ 40%
☆☆☆・・・Infrared Reflectance 40% or More

※Colors may vary slightly from the actual product due to printing limitations.

Design Variations for Ridge and Gabie Sections

Hip Ridge Section

Triangle Ridge



Gabie Section

Wide Gabie



Snow Guard

The use and quantity of snow guard tiles vary depending on location and regional conditions.

Same-Type Snow Guard Tile



*Snow Guard Bracket



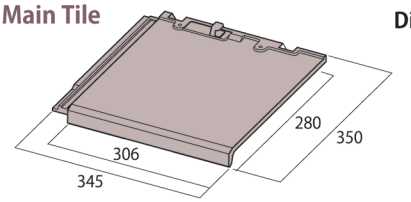
*Color Variations: Black・Brown・Green・Orange

Product Specifications

THEGIOINGOI.COM

プラウドプレイン Proud Plain

Main Tile



Dimensions
Overall Length(mm)：350±4.0
Overall Width(mm)：345±4.0
Effective Length(mm)：280
Effective Width(mm)：306±4.0

Quality
Water Absorption Rate：8% or less
Bending Strength(N)：1,500 N or higher
Frost Resistance (Frost Test)：Passed
Fire Resistance(Non-combustible)：Certified Non-combustible Material

Required Quantity
Tiles per Square Meter (pcs/m²)：12
Tiles per Tsubo (pcs/tsubo)：39

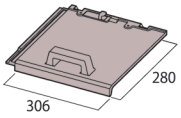
Weight
Per Piece：3.7
Per Square Meter：43

Packing Style
Per Package (pcs)：4
Per Pallet (pcs)：324

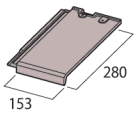
Note: The effective dimensions may vary slightly. Please check for each production lot before use.

Accessories (Standard)

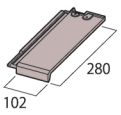
PP40 Snow Guard Tile



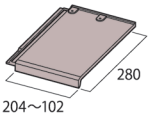
PP40 Half Tile



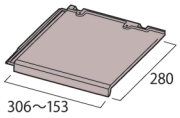
PP40/102 Pan Tile



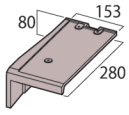
PP40/204 Pan Tile



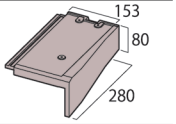
PP40/306 Trim Tile



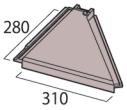
PP40 Seamless Gable L



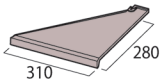
PP40 Seamless Gable R



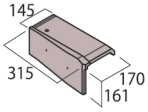
PP40 Triangle Field Half L



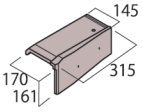
PP40 Triangle Field Half R



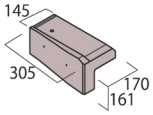
Wide Gable L



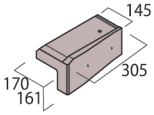
Wide Gable R



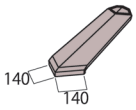
Wide Gable End L



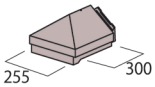
Wide Gable End R



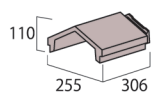
Ridgeless Hip Cap for 4-sun or 5-sun



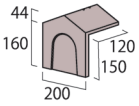
Triangle Ridge End For Hip Roof



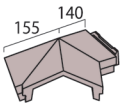
Triangle Ridge With Foot



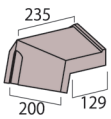
Triangle Ridge End With Foot



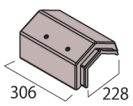
Triangle Ridge Three Forked With Foot



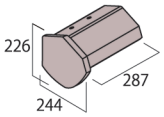
Triangle Ridge Down End With Foot



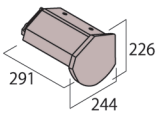
Knotless Triangle Ridge Single Side



Knotless Triangle Ridge Single Side End L

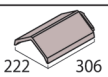
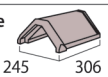


Knotless Triangle Ridge Single Side End R



※We also offer versions with a notch compatible with Wide Gable.

Other Ridge Specifications and Color Variations

		Silver Black	Matte Black	Matte Brown	Nordic Black	Nordic Brown	Nordic Gray
Main Ridge and Hip Ridge Sections	• Knotless Triangle Ridge 	○	○	○	○	○	○
	• Triangle Ridge 	○	○	○	○	○	×

Long-Term Use Compatible Components (CJK Components)

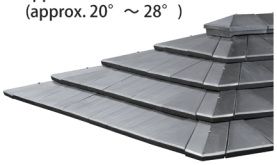
These are parts and materials designed with compatibility to facilitate easy maintenance over a long period of time. For roof tiles, this allows simple maintenance such as replacing individual tiles with equivalent products from other manufacturers that meet the same standards. These specifications are defined by the Council for the Standardization and Promotion of Long-Life Housing Components (CJK), an organization promoting the standardization and unification of housing parts and materials.

Ridge and Gable Sections

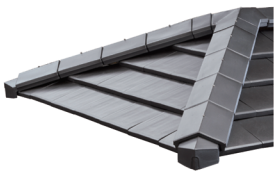
Hip Ridge Section

Ridgeless Hip Cap

Applicable Roof Pitch: 4-sun to 5.5-sun (approx. 20° ～ 28°)

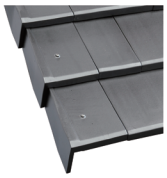


Trigangle Ridge With Foot

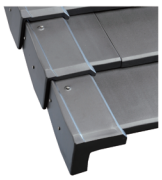


Gable Section

PP40 Seamless Gable



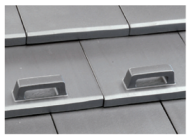
Wide Gable



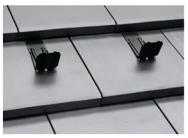
Snow Guard

The use and quantity of snow guard tiles vary depending on location and regional conditions.

Same-Type Snow Guard Tile

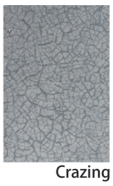


***Snow Guard Bracket**



*Color Variations: Stainless, Black, Brown

Notes and Precautions Regarding the Characteristics of Clay Roof Tile Products


Crazing


Pinhole

●Roof tiles are fired products made from clay. Since clay varies slightly in composition and properties depending on the mining location, it is not a completely uniform material. Please understand that roof tiles are made from natural raw materials and acknowledge these characteristics beforehand.
●Slight color variations may occur due to differences in clay composition or changes in the kiln atmosphere during firing.
●As a fired ceramic material, tiles may show minor twists or dimensional variations, which can sometimes result in small gaps between tiles after installation.
●Over time, some color tone changes may occur, but these do not affect the quality, performance, or durability of the roofing material.
●In ceramic tiles, fine surface cracks known as crazing may appear on the glazed surface. These are characteristic of ceramics and are limited to the glaze layer, not extending into the tile body; therefore, they do not indicate deterioration in quality.
●Small depressions or exposed clay spots called pinholes may appear on the glazed surface. These occur due to air bubbles in the glaze or the burning of organic matter in the clay, and they do not affect product quality.
●Moss or mold may develop on tiles installed in shaded or high-humidity areas. This occurs only on the surface and does not impair the quality, performance, or durability of the roofing material.
●Minor scratches or chips may occur on the surface during transportation or installation, but these do not affect the functionality or performance of the roof.

⚠ Safety Precautions

●When using our products, please install them in accordance with the "Standard Design and Construction Guidelines for Tiled Roofs."
●The installation of clay roof tiles requires specialized workmanship. Please consult a qualified roofing contractor.
●In regions with cold climates and heavy snowfall, strong winds, or heavy rainfall, special construction methods may be required. When using clay roof tiles in such areas, please consult a professional roofing contractor.
●Roofs using clay tiles should be designed based on the relevant standard construction specifications. For any special construction methods, please seek advice from a qualified roofing contractor.
●Always wear gloves when handling tiles, as burrs or sharp edges may cause injury.
●When carrying tiles, hold the tiles themselves and not the binding straps.
●As tiles are fragile, please handle them with care during transportation, unpacking, and stacking.
●Standard roof slope and flow length

Standard Roof Slope	2.0/10	2.5/10	3.0/10	3.5/10	4.0/10	4.5/10	5.0/10	5.5/10	6.0/10
Flow Length	7m	10m	12m	15m	18m	22m	26m	30m	34m

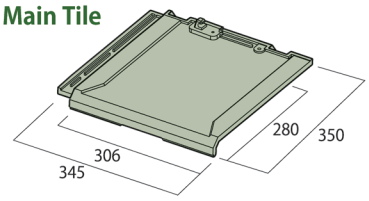
※ These are standard reference values to ensure the safe use of roof tiles.
※ If the roof flow length exceeds the standard value for the roof slope, we recommend using the [Enhanced Waterproof Specification]. Please consult our company or a qualified roofing contractor.
Products may be modified without prior notice for improvement. / Colors shown in this brochure may vary slightly from the actual products due to printing.

Product Specifications

THEGIOINGOI.COM

Roman ローマン LL40 Hyper-Z ハイパー

Main Tile



Dimensions

Overall Length(mm)：350±4.0
Overall Width(mm)：345±4.0
Effective Length(mm)：280
Effective Width(mm)：306±4.0

Quality

Water Absorption Rate：8% or less
Bending Strength(N)：1,500 N or higher
Frost Resistance (Frost Test)：Passed
Fire Resistance(Non-combustible)：
Certified Non-combustible Material

Required Quantity

Tiles per Square Meter (pcs/m²)：12
Tiles per Tsubo (pcs/tsubo)：39

Weight

Per Piece：3.7
Per Square Meter：43

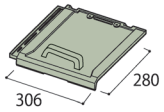
Packing Style

Per Package (pcs)：4
Per Pallet (pcs)：324

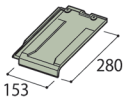
Note: The effective dimensions may vary slightly. Please check for each production lot before use.
Please note that the Effective Dimension of the Smoked Silver tiles will be slightly smaller.

Accessories (Standard)

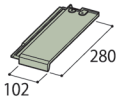
LL40 Squar Type Snow Guard



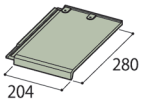
LL40 Half



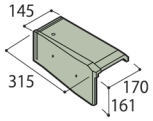
PP40/102 Pan Tile



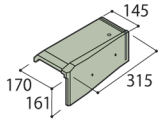
LL40/102 Pan Tile



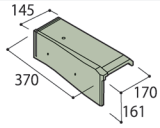
Wide Gable L



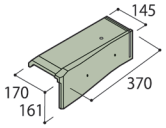
Wide Gable R



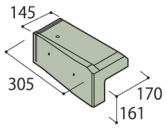
Wide Gable Long L



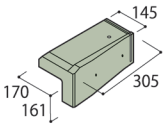
Wide Gable Long R



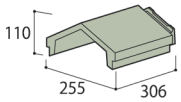
Wide Gable End L



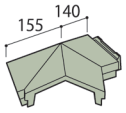
Wide Gable End R



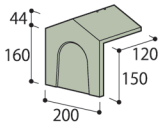
Triangle Ridge With Foot



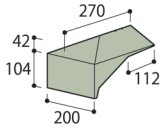
Triangle Ridge Three Forked With Foot



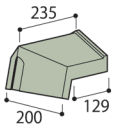
Triangle Ridge End With Foot



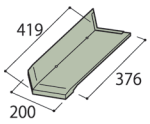
Triangle Ridge End With Foot For Hip Roof



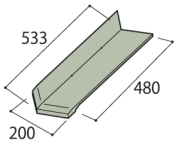
Triangle Ridge Down End With Foot



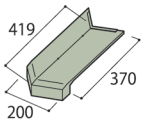
Hip Cap



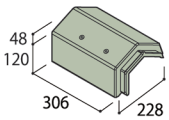
Hip Cap Long



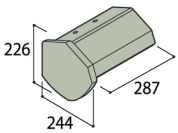
Hip Cap End



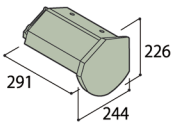
Knotless Triangle Ridge Single Side



Knotless Triangle Ridge Single Side End L



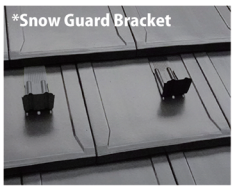
Knotless Triangle Ridge Single Side End R



Snow Guard

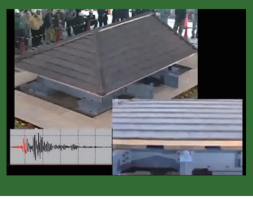
The use and quantity of snow guard tiles vary depending on location and regional conditions.





*Color Variations: Stainless, Black, Brown,Green

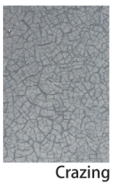
With the Guideline Construction Method, you can feel secure even against earthquake tremors and strong typhoon winds.



A truly safe and comfortable tiled roof is achieved only through the combination of high-quality tiles and excellent installation. The Guideline Construction Method, developed based on experimental data, has been proven to withstand both major earthquakes and powerful typhoon winds.

Seismic performance test simulating earthquake waves equivalent to the Great Hanshin-Awaji Earthquake

Notes and Precautions Regarding the Characteristics of Clay Roof Tile Products


Crazing


Pinhole


Darkening

●Roof tiles are fired products made from clay. Since clay varies slightly in composition and properties depending on the mining location, it is not a completely uniform material. Please understand that roof tiles are made from natural raw materials and acknowledge these characteristics beforehand.
●Slight color variations may occur due to differences in clay composition or changes in the kiln atmosphere during firing.
●As a fired ceramic material, tiles may show minor twists or dimensional variations, which can sometimes result in small gaps between tiles after installation.
●Over time, some color tone changes may occur, but these do not affect the quality, performance, or durability of the roofing material.
●In ceramic tiles, fine surface cracks known as crazing may appear on the glazed surface. These are characteristic of ceramics and are limited to the glaze layer, not extending into the tile body; therefore, they do not indicate deterioration in quality.
●Small depressions or exposed clay spots called pinholes may appear on the glazed surface. These occur due to air bubbles in the glaze or the burning of organic matter in the clay, and they do not affect product quality.
●Smoked Silver roof tiles may show natural color variations over time, such as darkening caused by aging or small reddish rust spots formed by rainwater. These changes are unique characteristics of this natural material and do not indicate any deterioration in quality.
●Moss or mold may develop on tiles installed in shaded or high-humidity areas. This occurs only on the surface and does not impair the quality, performance, or durability of the roofing material.
●Minor scratches or chips may occur on the surface during transportation or installation, but these do not affect the functionality or performance of the roof.
●In the manufacturing process of Smoked Silver tiles, circular marks may occasionally remain on the surface of the tile body. However, these do not affect the functionality or performance of the product as a roofing material.
●The surface of Smoked Silver tiles is coated with a carbon film as part of their quality characteristics. If adhesive materials are applied, this coating may peel off, exposing the black layer beneath. Please take care when using masking tape or similar adhesive products.



⚠ Safety Precautions

●When using our products, please install them in accordance with the “Standard Design and Construction Guidelines for Tiled Roofs.”
●The installation of clay roof tiles requires specialized workmanship. Please consult a qualified roofing contractor.
●In regions with cold climates and heavy snowfall, strong winds, or heavy rainfall, special construction methods may be required. When using clay roof tiles in such areas, please consult a professional roofing contractor.
●Roofs using clay tiles should be designed based on the relevant standard construction specifications. For any special construction methods, please seek advice from a qualified roofing contractor.
●Always wear gloves when handling tiles, as burrs or sharp edges may cause injury.
●When carrying tiles, hold the tiles themselves and not the binding straps.
●As tiles are fragile, please handle them with care during transportation, unpacking, and stacking.

●Standard roof slope and flow length

Standard Roof Slope	2.0/10	2.5/10	3.0/10	3.5/10	4.0/10	4.5/10	5.0/10	5.5/10	6.0/10
Flow Length	7m	10m	12m	15m	18m	22m	26m	30m	34m

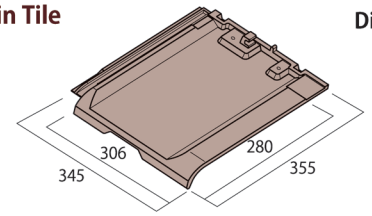
※ These are standard reference values to ensure the safe use of roof tiles.
※ If the roof flow length exceeds the standard value for the roof slope, we recommend using the [Enhanced Waterproof Specification]. Please consult our company or a qualified roofing contractor.
Products may be modified without prior notice for improvement. / Colors shown in this brochure may vary slightly from the actual products due to printing.

Product Specifications

THEGIOINGOI.COM

Proud UU40G

Main Tile



Dimensions
Overall Length(mm)：355±4.0
Overall Width(mm)：345±4.0
Effective Length(mm)：280
Effective Width(mm)：306

Quality
Water Absorption Rate：8% or less
Bending Strength(N)：1,500 N or higher
Frost Resistance (Frost Test)：Passed
Fire Resistance(Non-combustible)：Certified Non-combustible Material

Required Quantity
Tiles per Square Meter (pcs/m²)：12
Tiles per Tsubo (pcs/tsubo)：39

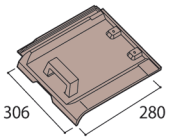
Weight
Per Piece：3.7
Per Square Meter：43

Packing Style
Per Package (pcs)：4
Per Pallet (pcs)：324

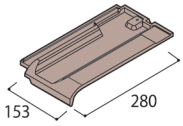
Note: The effective dimensions may vary slightly. Please check for each production lot before use.

Accessories (Standard)

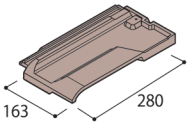
UU40G Snow Guard Tile



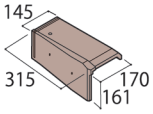
UU40G Half L



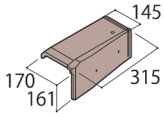
UU40G Half R



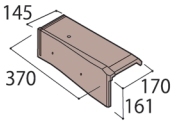
Wide Gable L



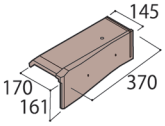
Wide Gable R



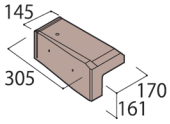
Wide Gable Long L



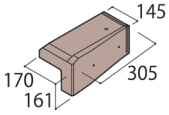
Wide Gable Long R



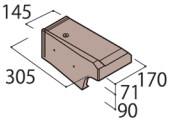
Wide Gable End L



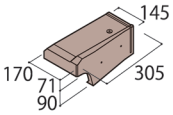
Wide Gable End R



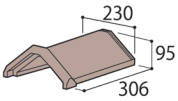
Wide Gable End L With Notch



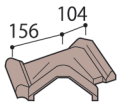
Wide Gable End R With Notch



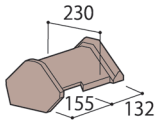
Triangle Ridge



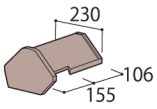
Triangle Ridge Three Forked



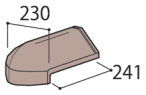
Triangle Ridge Notch+ End+



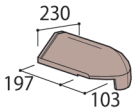
Triangle Ridge Notch+ End-



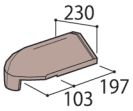
Triangle Ridge Down End



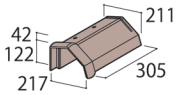
Triangle Ridge Hishi Tomoe L



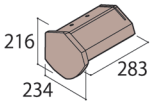
Triangle Ridge Hishi Tomoe R



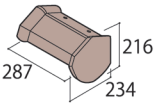
Triangle Single Slope Ridge



Triangle Single Slope Ridge End L



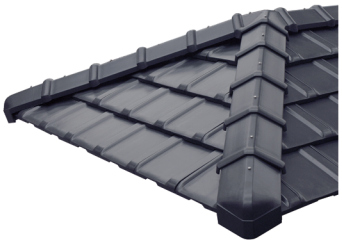
Triangle Single Slope Ridge End R



Ridge and Gable Sections

Hip Ridge Section

Triangle Ridge



Gable Section

Wide Gable



Snow Guard

The use and quantity of snow guard tiles vary depending on location and regional conditions.

Same-Type Snow Guard Tile

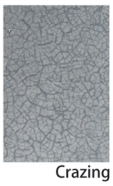


*Snow Guard Bracket



*Color Variations: Black・Brown・Green・Orange

Notes and Precautions Regarding the Characteristics of Clay Roof Tile Products


Crazing


Pinhole

●Roof tiles are fired products made from clay. Since clay varies slightly in composition and properties depending on the mining location, it is not a completely uniform material. Please understand that roof tiles are made from natural raw materials and acknowledge these characteristics beforehand.
●Slight color variations may occur due to differences in clay composition or changes in the kiln atmosphere during firing.
●As a fired ceramic material, tiles may show minor twists or dimensional variations, which can sometimes result in small gaps between tiles after installation.
●Over time, some color tone changes may occur, but these do not affect the quality, performance, or durability of the roofing material.
●In ceramic tiles, fine surface cracks known as crazing may appear on the glazed surface. These are characteristic of ceramics and are limited to the glaze layer, not extending into the tile body; therefore, they do not indicate deterioration in quality.
●Small depressions or exposed clay spots called pinholes may appear on the glazed surface. These occur due to air bubbles in the glaze or the burning of organic matter in the clay, and they do not affect product quality.
●Moss or mold may develop on tiles installed in shaded or high-humidity areas. This occurs only on the surface and does not impair the quality, performance, or durability of the roofing material.
●Minor scratches or chips may occur on the surface during transportation or installation, but these do not affect the functionality or performance of the roof.

⚠ Safety Precautions

●When using our products, please install them in accordance with the "Standard Design and Construction Guidelines for Tiled Roofs."
●The installation of clay roof tiles requires specialized workmanship. Please consult a qualified roofing contractor.
●In regions with cold climates and heavy snowfall, strong winds, or heavy rainfall, special construction methods may be required. When using clay roof tiles in such areas, please consult a professional roofing contractor.
●Roofs using clay tiles should be designed based on the relevant standard construction specifications. For any special construction methods, please seek advice from a qualified roofing contractor.
●Always wear gloves when handling tiles, as burrs or sharp edges may cause injury.
●When carrying tiles, hold the tiles themselves and not the binding straps.
●As tiles are fragile, please handle them with care during transportation, unpacking, and stacking.
●Standard roof slope and flow length

Standard Roof Slope	2.0/10	2.5/10	3.0/10	3.5/10	4.0/10	4.5/10	5.0/10	5.5/10	6.0/10
Flow Length	7m	10m	12m	15m	18m	22m	26m	30m	34m

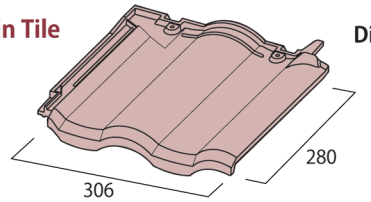
※ These are standard reference values to ensure the safe use of roof tiles.
※ If the roof flow length exceeds the standard value for the roof slope, we recommend using the [Enhanced Waterproof Specification]. Please consult our company or a qualified roofing contractor.
Products may be modified without prior notice for improvement. / Colors shown in this brochure may vary slightly from the actual products due to printing.

Product Specifications

THEGIOINGOI.COM

Proud BB40 Hyper-X
プラウド ハイパーエックス

Main Tile



Dimensions

Overall Length(mm)：350±4.0
Overall Width(mm)：345±4.0
Effective Length(mm)：280
Effective Width(mm)：306±4.0

Quality

Water Absorption Rate：8% or less
Bending Strength(N)：1,500 N or higher
Frost Resistance (Frost Test)：Passed
Fire Resistance(Non-combustible)：Certified Non-combustible Material

Required Quantity

Tiles per Square Meter (pcs/m²)：12
Tiles per Tsubo (pcs/tsubo)：39

Weight

Per Piece：3.7
Per Square Meter：43

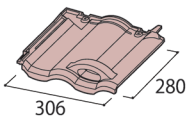
Packing Style

Per Package (pcs)：4
Per Pallet (pcs)：396

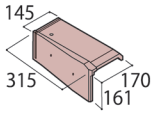
Note: The effective dimensions may vary slightly. Please check for each production lot before use.

Accessories (Standard)

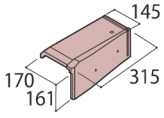
Snow Guard Tile



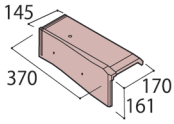
Wide Gable L



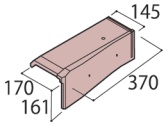
Wide Gable R



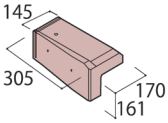
Wide Gable Long L



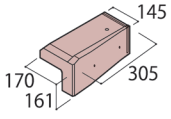
Wide Gable Long R



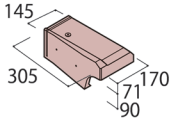
Wide Gable End L



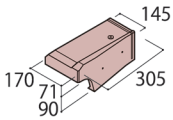
Wide Gable End R



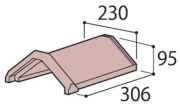
Wide Gable End L With Notch



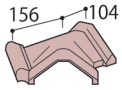
Wide Gable End R With Notch



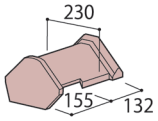
Triangle Ridge



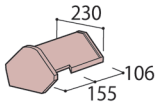
Triangle Ridge Three Forked



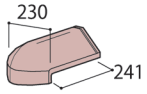
Triangle Ridge Notch+ End+



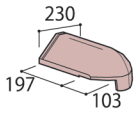
Triangle Ridge Notch+ End-



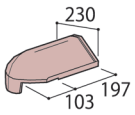
Triangle Ridge Down End



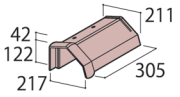
Triangle Ridge Hishi Tomoe L



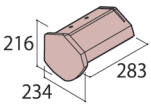
Triangle Ridge Hishi Tomoe R



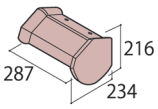
Triangle Single Slope Ridge



Triangle Single Slope Ridge End L



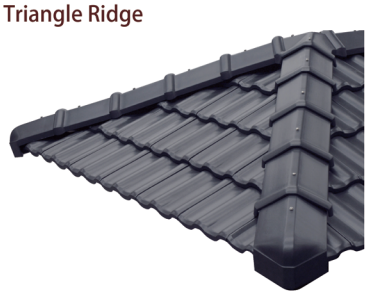
Triangle Single Slope Ridge End R



Ridge and Gable Sections

Hip Ridge Section

Triangle Ridge



Gable Section

Wide Gable



Snow Guard

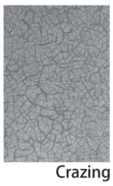
The use and quantity of snow guard tiles vary depending on location and regional conditions.





*Color Variations: Black・Brown・Green・Orange

Notes and Precautions Regarding the Characteristics of Clay Roof Tile Products


Crazing


Pinhole

●Roof tiles are fired products made from clay. Since clay varies slightly in composition and properties depending on the mining location, it is not a completely uniform material. Please understand that roof tiles are made from natural raw materials and acknowledge these characteristics beforehand.
●Slight color variations may occur due to differences in clay composition or changes in the kiln atmosphere during firing.
●As a fired ceramic material, tiles may show minor twists or dimensional variations, which can sometimes result in small gaps between tiles after installation.
●Over time, some color tone changes may occur, but these do not affect the quality, performance, or durability of the roofing material.
●In ceramic tiles, fine surface cracks known as crazing may appear on the glazed surface. These are characteristic of ceramics and are limited to the glaze layer, not extending into the tile body; therefore, they do not indicate deterioration in quality.
●Small depressions or exposed clay spots called pinholes may appear on the glazed surface. These occur due to air bubbles in the glaze or the burning of organic matter in the clay, and they do not affect product quality.
●Moss or mold may develop on tiles installed in shaded or high-humidity areas. This occurs only on the surface and does not impair the quality, performance, or durability of the roofing material.
●Minor scratches or chips may occur on the surface during transportation or installation, but these do not affect the functionality or performance of the roof.

⚠ Safety Precautions

●When using our products, please install them in accordance with the “Standard Design and Construction Guidelines for Tiled Roofs.”
●The installation of clay roof tiles requires specialized workmanship. Please consult a qualified roofing contractor.
●In regions with cold climates and heavy snowfall, strong winds, or heavy rainfall, special construction methods may be required. When using clay roof tiles in such areas, please consult a professional roofing contractor.
●Roofs using clay tiles should be designed based on the relevant standard construction specifications. For any special construction methods, please seek advice from a qualified roofing contractor.
●Always wear gloves when handling tiles, as burrs or sharp edges may cause injury.
●When carrying tiles, hold the tiles themselves and not the binding straps.
●As tiles are fragile, please handle them with care during transportation, unpacking, and stacking.
●Standard roof slope and flow length

Standard Roof Slope	2.5/10	3.0/10	3.5/10	4.0/10	4.5/10	5.0/10	5.5/10	6.0/10
Flow Length	6m	8m	11m	14m	18m	22m	26m	30m

※ These are standard reference values to ensure the safe use of roof tiles.
※ If the roof flow length exceeds the standard value for the roof slope, we recommend using the [Enhanced Waterproof Specification]. Please consult our company or a qualified roofing contractor.
Products may be modified without prior notice for improvement. / Colors shown in this brochure may vary slightly from the actual products due to printing.

Company Name : Eishiro Kawara Co., Ltd.
Founded : Kyowa 1 (1801)
Incorporated : Showa 43 (1968)
President and Representative Director : Tomohisa Momiyama
Capital : 100 million yen
Number of Employees : 160

Head Office
1-38 Shirosawa-machi, Hekinan City, Aichi 447-8512, Japan
Tel: +81-566-48-5111 Fax: +81-566-48-2416

Head Office Plant
1-38 Shirosawa-machi, Hekinan City, Aichi 447-8512, Japan
Tel: +81-566-48-5112 Fax: +81-566-42-4800

Head Office North Plant
1-2 Shirosawa-machi, Hekinan City, Aichi 447-0013, Japan
Tel: +81-566-45-5754 Fax: +81-566-45-5706

Kinuura Plant
2-20 Suma-machi, Hekinan City, Aichi 447-0854, Japan
Tel: +81-566-48-2155 Fax: +81-566-48-2157

Espanica Plant
1-1 Nakamatsu-machi, Hekinan City, Aichi 447-0859, Japan
Tel: +81-566-42-1511 Fax: +81-566-42-1110

Kanto Office
3F, Aoki Building, 3-16-12 Shukugo, Utsunomiya City,
Tochigi 321-0945, Japan
Tel: +81-28-612-5823 Fax: +81-28-612-5824

Kyushu Office
5529 Harukoga, Miyaki-cho, Miyaki-gun,
Saga 849-0101, Japan
Tel: +81-942-94-4460 Fax: +81-942-94-4383

Taiwan Sales Office
No. 2-2, Lane 231, Section 1, Defang Road, Dali District,
Taichung City, Taiwan
Mobile: +886-915-296-007

Group Companies

Yamafusa Co., Ltd.
4-11-3 Okusawa-machi, Hekinan City, Aichi 447-0017, Japan
Tel: +81-566-48-1534 Fax: +81-566-42-2980

Tensho Kawara Co., Ltd.
1-5 Shirosawa-machi, Hekinan City, Aichi 447-0073, Japan
Tel: +81-566-48-0936 Fax: +81-566-48-0192

Aichi Quality
認定番号009

26-01
First Edition

https://www.eishiro.co.jp

栄四郎瓦
THEGIOINGOI.COM