





#### Steel is durable

Steel roofing products have nearly twice the lifespan of conventional roofing products



### Steel is eco-friendly

Steel can be recycled endlessly, which makes it one of the most environmentally friendly materials



### **Steel protects**

Our steel roofing products have achieved the highest hurricane wind protection, hail impact and fire safety ratings in the US



#### Extreme weather and impact protection

Against hailstorm, rain, snow, heat and wind Our products have achieved Class 4 ratings according to the UL 2218 Roof Impact Classifications



#### Fire protection

We got an "A" in fire protection according to the UL 790 (ASTM E 108) Fire Protection Ratings



### High wind protection

We achieved the Class 90 certification for the UL 580 Wind Uplift Resistance test. We have tested our products at wind speeds over 200 mph







The quality of our roofs has been recognized and certified by the Underwriters Laboratories. UL is the largest independent testing laboratory in the world. It is dedicated to promoting safe living and working environments.









ITB EU – SECOND BIGGEST BUILDING RESEARCH INSTITUTE IN EUROPE
1488 – NUMBER OF INSTITUTE'S NOTIFICATION IN EUROPEAN UNION





Class 90



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Class



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# PROTECTIVE SHIELD Noble Matt

Covered with the Noble Matt coating, it effectively protects against long-term wear and provides maximum corrosion resistance in any conceivable application.

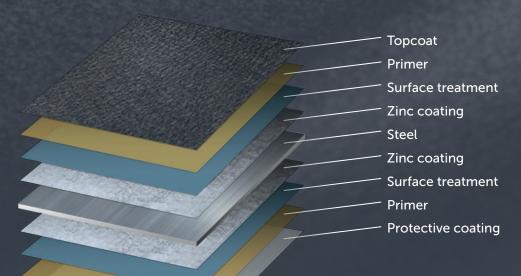
#### Stable and constant

The Noble Matt coating not only protects against discoloration, but also functions as an all weather shield.

#### It says no to re-roofing

Forget about re-roofing. Supre, Ulta and Como will serve you reliably for generations. The steel and protective shield form a really powerful duo of protection.

#### Manufactured in color





 $0.90 \frac{1}{10.90}$ 

ZINC — 25 g/m²



## PROTECTIVE SHIELD

## Magnelis® NEW Available only for Modular Metal Roofing Tile

Magnelis® is a unique metallic coating that represents a breakthrough in corrosion protection. It is the best material with numerous uses.

Magnelis® coating has undergone the most severe corrosion performance tests in Daytona Beach laboratories. The results were uncomparable with any other coating on the market!

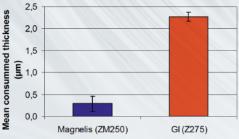
The Magnelis® corrosion performance is a minimum of 3 times greater than Galvanized Steel in all environmental classes!

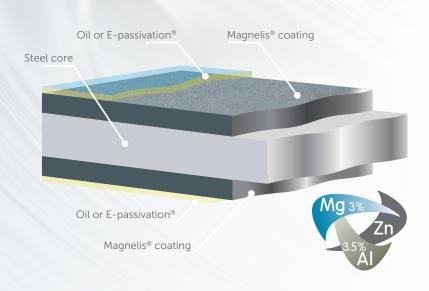
WORTHOUSE IS DELIGHTED TO PRESENT TO YOU OUR ROOF OFFERING OF MAGNELIS COATING WITH AN AMAZING WARRANTY

- 30 Year Warranty for C3/C4 environment
- 20 Year Coastal Warranty for C5 environment

Corrosion performance - outdoor exposure. Complementary data in very severe environment First data after 1 year exposure.















#### Simple transport

One pallet contains over 3000 sq. ft (Supre, Como), 2700 sq. ft (Ulta) of material – enough to cover an average size roof



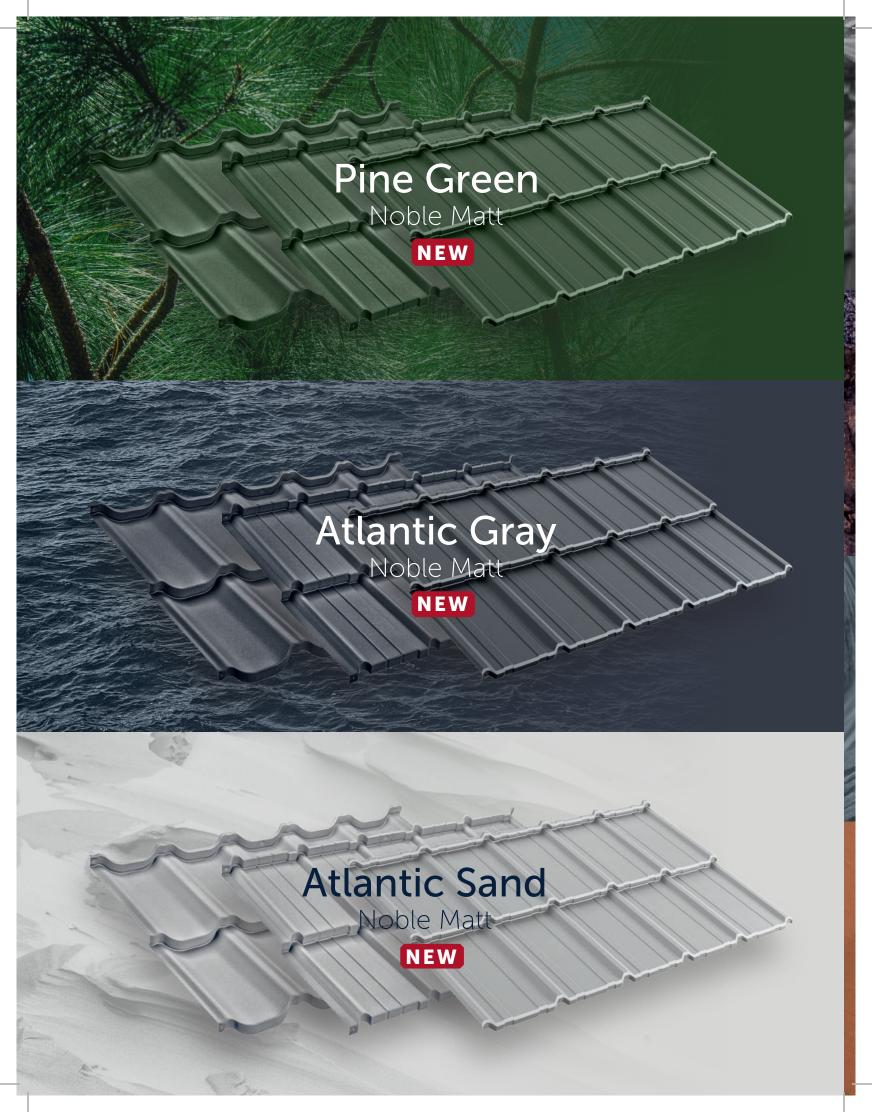
### Easy to install

Pre-drilled holes and modular assembly speed up installation and reduce mistakes



#### Cost effective installation

Our products average less than 5% waste during installation compared to industry norms greater than 10%



#### Take to the sky with Raven Black

Ravens are very intelligent birds, which played an integral role in the mythology of the indigenous peoples of the Pacific Northwest, as well as art and literature.

For many cultures the bird was a religious symbol. Some even believed that it was God. Raven Black. The color of freedom

#### Dare to conquer with Sierra Brown

The Sierra Nevada is a mountain range in the Western United States.

Its highest peak — Mount Whitney — reaches an elevation of 14.505 feet.

The foothills of this mountain range are home to the California Gold Rush of the 19th century.

Sierra Brown. The color of a true conqueror

#### Dive deep into the Pacific Gray

The Pacific is the largest and deepest ocean on Earth. It covers almost 1/3 of the earth's surface. Its depth reaches more than 35 thousand feet.

Pacific Gray. The color of mystic nature

#### Experience Canyon Red – one of nature's true wonders

The Grand Canyon is the largest river gorge in the world, located in Arizona. It is 277 miles long, about 6.000 feet deep and the home of whitewater rafting. Canyon Red. The color of adventure





**INCREASED HURRICANE RESISTANCE** 



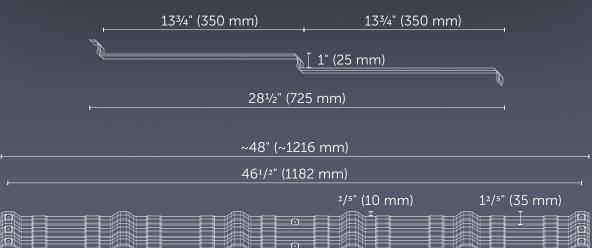
SYMMETRICAL SHAPE



LARGER COVERING AREA
ONLY 11 PANELS PER 1 SQ EFFECTIVE COVER







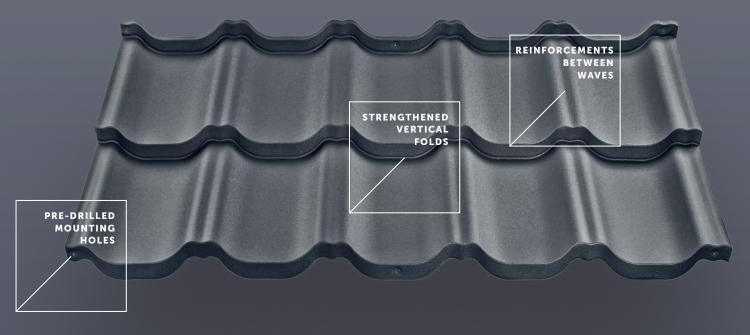
## Como

Effective width	Total width	Weight per piece
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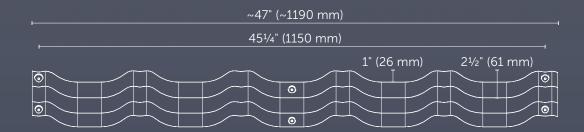
3.88 ft	3.99 ft	8.16 lb
1182 mm	1216 mm	3.7 kg

Effective surface area of one sheet	Quantity per pack	Effective surface area of one nack

8.9 sq. ft	352 pcs	3133 sq. ft
0.827 sa. m		291.104 sa. m







## Supre



Eff	ec	tive	wid	lth

3.77 ft

1150 mm

Total width

Weight per piece

3.9 ft

8.16 lb

1190 mm

3.7 kg

Effective surface area of one sheet

8.66 sq. ft

0.805 sq. m

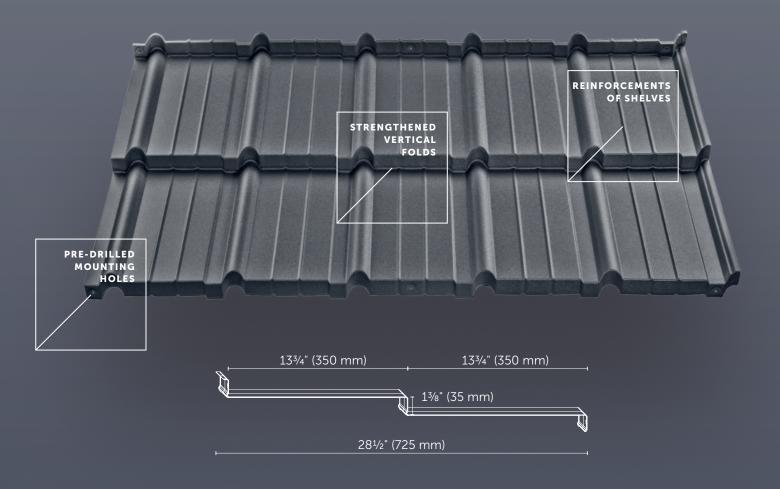
Quantity per pack

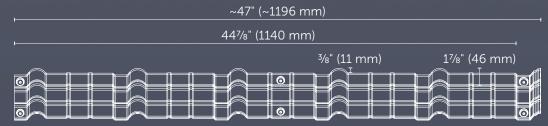
Effective surface area of one pack

350 pcs

3032 sq. ft

281.75 sq. m





## Ulta



Eff	fec	tiv	'e	wi	d'	th

3.74 ft

1140 mm

Total width

Weight per piece

3.92 ft

8.16 lb

1196 mm

3.7 kg

Effective surface area of one sheet

8.59 sq. ft

0.798 sq. m

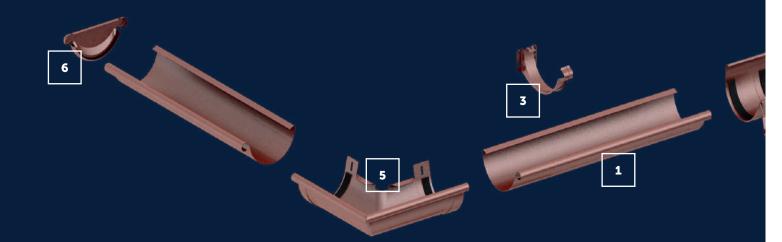
Quantity per pack

Effective surface area of one pack

319 pcs

2739 sq. ft

254.56 sq. m



SYSTEM

53/4"/31/2"

**COLORS** 



**Brown** ~RAL 8028/8017 GreenCoat RWS 434



**Graphite** ~RAL 7011 GreenCoat RWS 087



Black ~RAL 9005 GreenCoat RWS 015



White ~RAL 9002 GreenCoat RWS 001



Brick-red ~RAL 8004 GreenCoat RWS 742 30 YEAR

WARRANTY

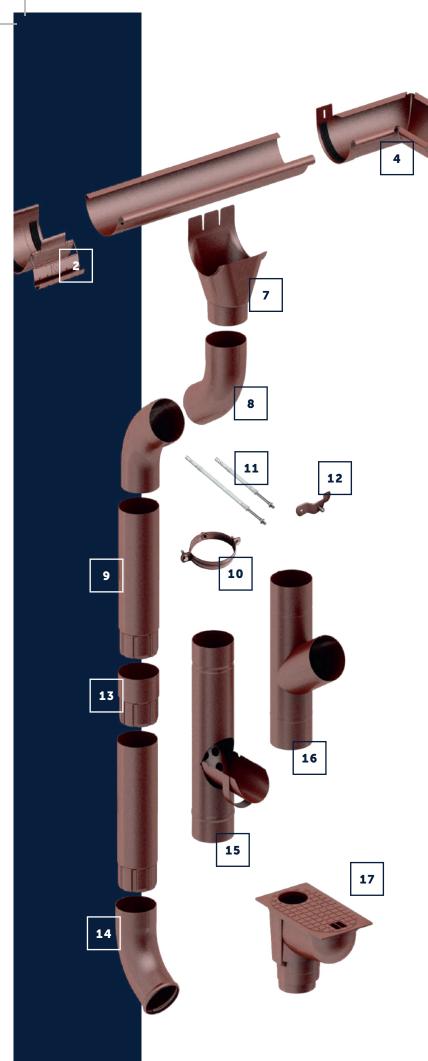
GREENCOAT®

RWS

SSAB

The colors shown are illustrative and may vary from the actual ones.

## RAIN-THIRSTY FLAMINGO



#### **GUTTER SYSTEM ELEMENTS**

- 1. Gutter
- 2. Joint connector
- 3. Fascia hanger
- 4. Inside corner
- 5. Outside corner
- 6. End cap
- 7. Drop outlet
- 8. Elbow
- 9. Downspout
- 10. Downspout heavy duty mount
- 11. Downspout strap anchor
- 12. Downspout wall bracket
- 13. Downspout connector
- 14. Outflow elbow
- 15. Rain catcher
- 16. Tee connector
- 17. Rain trap



Patent for invention 217565

Patent pending Rp14731, Rp17669, Rp18757 RWU66816, RWU68626



#### **Excellent tightness**

Flamingo elements are moulded in specially designed, patented moulds. Forget about the leaks when assembled



#### Only the best materials

Flamingo was manufactured from GreenCoat RWS (Rain Water System) steel produced by SSAB – a Swedish global steel company. GreenCoat RWS was developed specifically to create high quality gutter systems

It has a double sided coating and is exceptionally durable.

Coatings used in GreenCoat RWS products include polymer grains, which improve the surface scratch resistance



#### **Evenness for years**

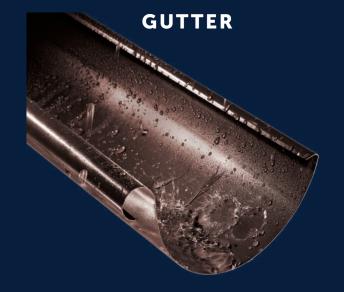
Flamingo has a 30-year warranty for the C1-C4 environmental class (industrial and coastal areas with a high aggressiveness of the corrosive environment)



### Safe transport and storage

Flamingo elements are factory-protected with foil.

We transport it in specially designed packaging and care about the highest standard of storage



**JOINT CONNECTOR** 



**DROP OUTLET** 



INSIDE CORNER
90°



OUTSIDE CORNER
90°



FASCIA HANGER



### **END CAP**

### **DOWNSPOUT**

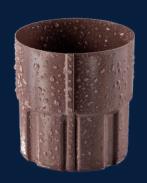






**DOWNSPOUT CONNECTOR** 

**ELBOW** 





TEE CONNECTOR RAIN CATCHER

**OUTFLOW ELBOW** 







### High resistance to environmental conditions

GreenCoat RWS products are a lightweight construction material with a beautiful shine. They are very resistant to corrosion, UV rays and scratches



#### Complete steel roof

Flamingo is ideally suited with Worthouse Modular Roofing Tiles



#### Easy and fast assembly

Flamingo components are made with care for the smallest detail and fit together perfectly, making the assembly fast and easy



#### Extra strong gutter hangers

Flamingo hanger can easily carry weight of 165 lbs



The system is made of the best quality steel covered with zinc 0.90 oz/ft²



#### **Proven system**

It is the best system for metal roofing. Recommended by roofers. Flamingo has been a success for many years

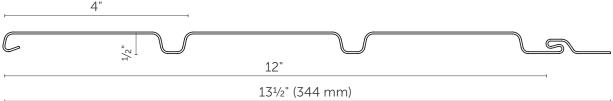


Gold Medal MTP BUDMA 2010 for the Flamingo Steel Gutter System

#### **DIMENSIONS**

Covering width Panel height Panel length

12"
9'10"
306 mm
12.2 mm
3000 mm



#### **COLORS**

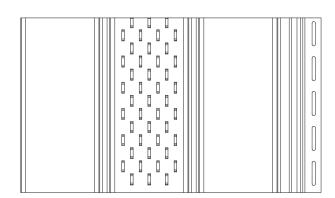


The colors shown are illustrative and may vary from the actual product.

## PVC SOFFIT

#### **STANDARD PANEL**

#### **VENTED PANEL**





Traditional





Wood grain





J-channel

Traditional — Wood grain



H-channel

Traditional — Wood grain



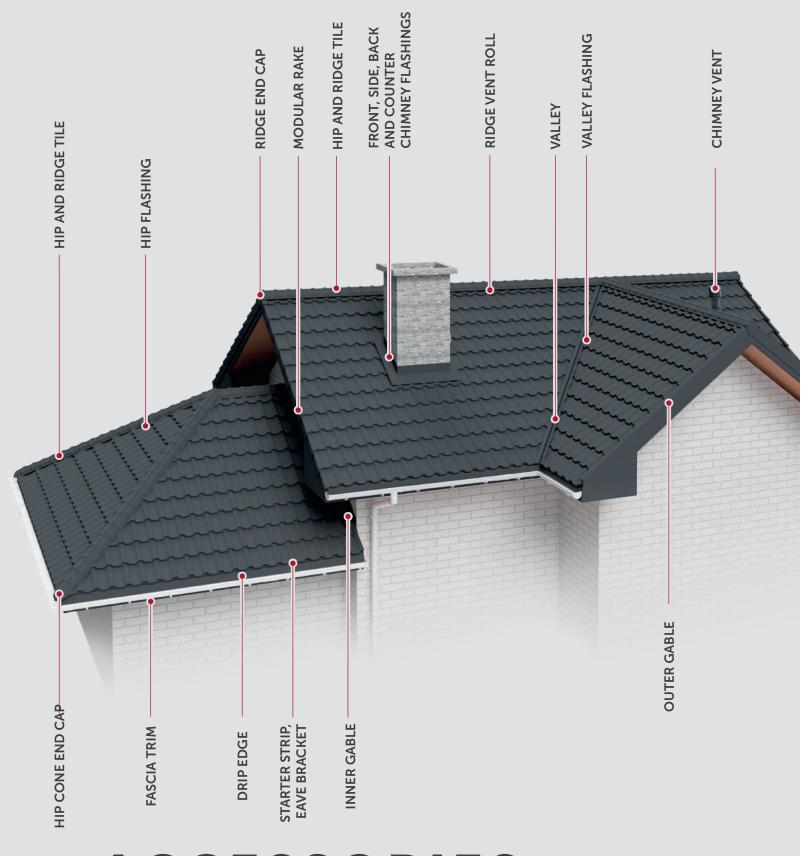
Inside corner

 ${\it Traditional-Wood\ grain}$ 



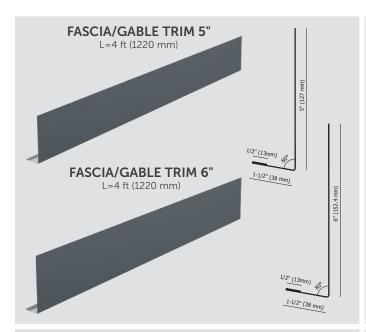
Outside corner

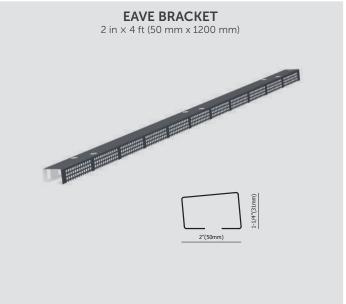
Traditional — Wood grain



## **ACCESSORIES**

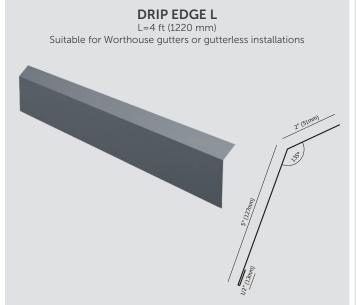
#smartmetalroofing

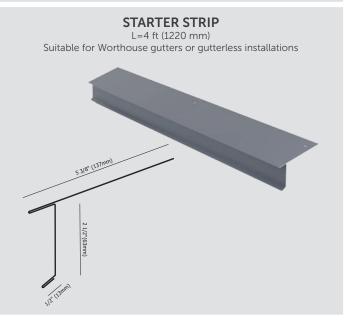


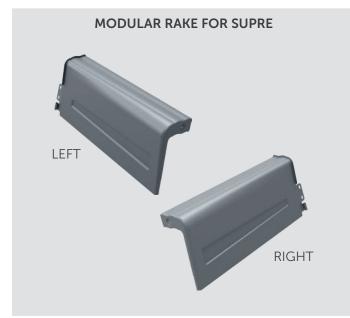




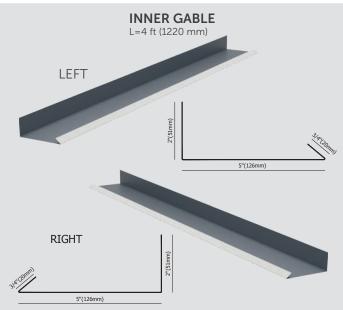


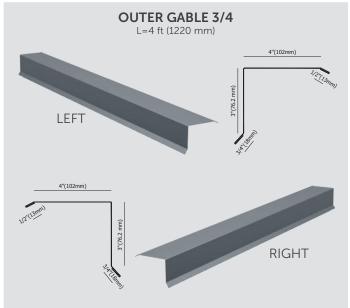


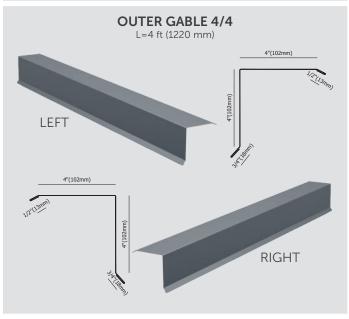


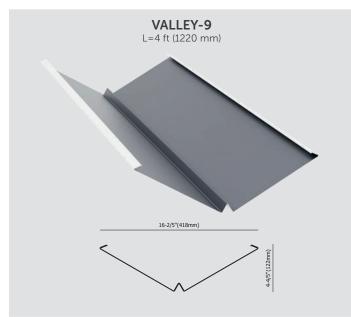


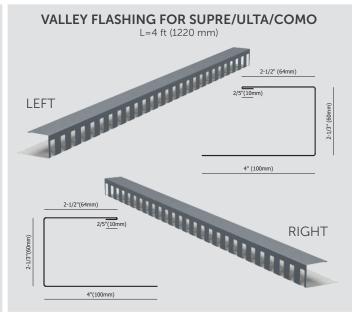


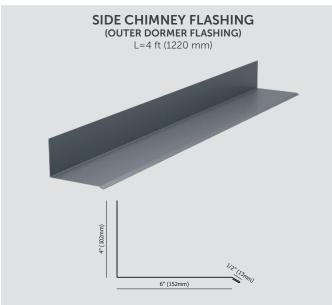


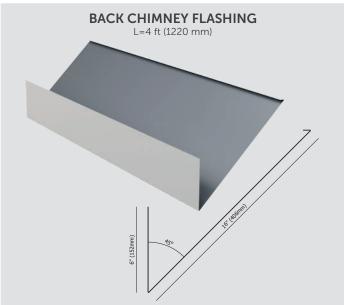


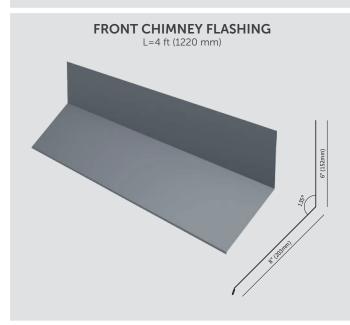


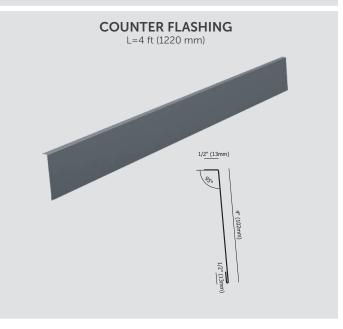




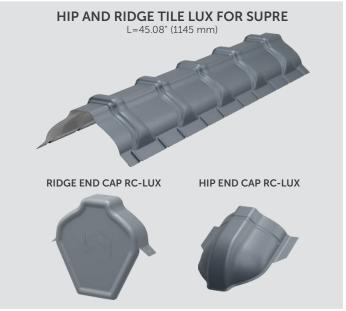


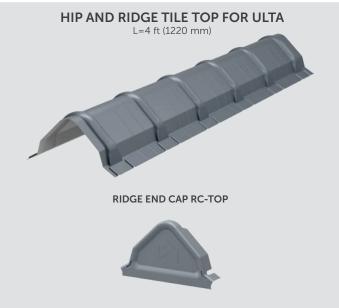


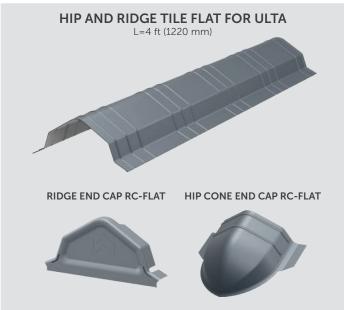


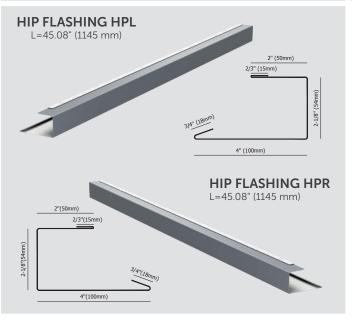




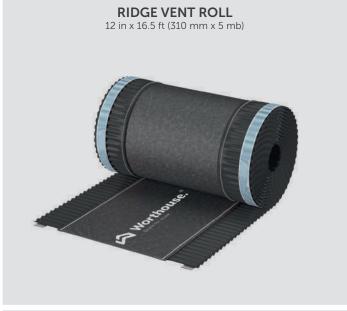








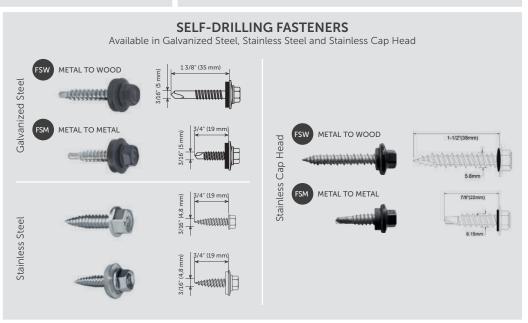














## In business for more than 30 years

One of the largest companies of its kind in Europe. Privately owned with six automated mass production manufacturing facilities.

1300 employees. Successfully covering 35% of overall rooftops in Europe.

Worthouse products are in 41 countries around the world. North America headquarters is located in Waynesboro, GA.

Find out more at worthouse.com

#### Reaching above & beyond for you

#### - approved for sales nationwide

- Miami Dade approval (Approval No. NoA 17/0221.05)
- Florida Product Approval FL21544/R1
- UL Classified evaluation
   UL ER39048/01, UL 1897, UL580
- TDI approval RC-563
- Constant evaluation of our system elements to ensure highest quality solution.

# Worthouse Products are a Full Roof System with a Lifetime Warranty.

Engineered for extreme weather and environmental conditions.

#### A roof that will last as long as its foundation

Worthouse Modular Metal tile "warrantied duration" is achieved thanks to our source, multinational steel supplier ArcelorMittal providing the strongest raw material available.

#### For what matters most to you

- With the strongest warranty on the market,
   Worthouse is ensuring long term protection for your investments.
- Discounted insurance rates up to 25%.

#### The purchase of a lifetime

- Because your house is worth it.
- With the lifetime warranty life cycle, divided by average costs for materials & installation Worthouse metal roofing achieves very low cost per square per year over its lifetime. Making it one of the most affordable roofing products on the market.

## Elegance to stand the test of time



#### **Eco friendly**

- Products create less waste, with the market average of 10+%.
- Worthouse tiles are 100% recyclable.
- Allows installation of solar panels.
- Little to no maintenance.

#### The beauty of seduction

- Worthouse products transform an everyday house into the home of your dreams.
- With an elegant and innovative design these products will improve the appeal and security of your home.



Metal Roofing Manufacturing



Extreme weather protection against hailstorm, rain, snow, heat and wind



One pallet – one job



Lightweight and easy to handle



Pre-drilled holes enable self-calibration of roof



Easy and space efficient storage



Quick and efficient installation



Roof angle and partially installed roof corrections



Batch-to-batch color consistency guarantee



Less than 5% material waste



Complete set of accesories



High wind resistance



Fire protection – class A degree

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