

BTR  **SYSTEMS**

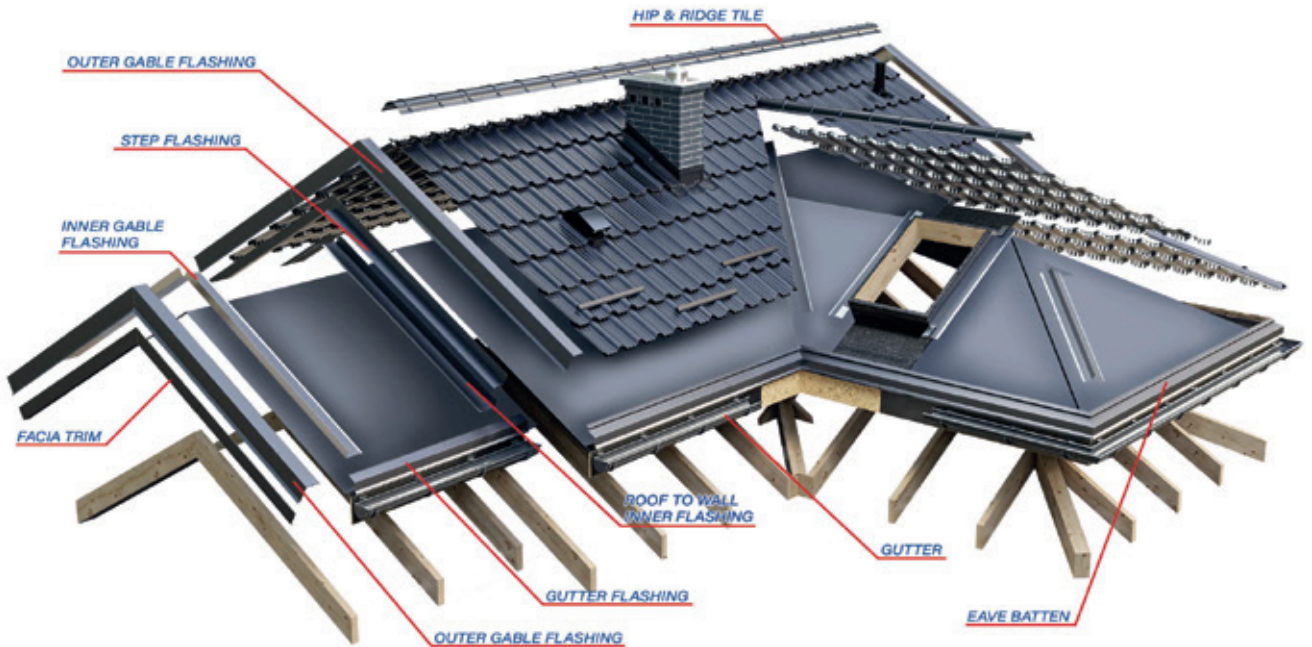
GROUP  **BLACHOTRAPEZ**

PRODUCT CATALOGUE

The Best Type of Roofing

BTR SYSTEMS

GROUP  BLACHOTRAPEZ



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At **BTR Systems**, we manufacture long-lasting, aesthetically pleasing and affordable steel roofing products that will protect your home for decades to come and will increase your home's value.

HIGHEST QUALITY MATERIALS

With steel produced in Germany's Thyssenkrupp Steelworks, coated with industry leading ZM EcoProtect® and a 50 micron layer of Paldur Wrinkle Mat Plus, **BTR Systems** roofing panels are resistant to long-term wear, discolouring, and offer maximum corrosion resistance. **BTR Systems** modular steel roofing tiles will serve you reliably for generations.

Our modular steel panels are built to withstand UV rays, snow, hurricanes, and hail. **BTR Systems** roofing panels, installed from frosty Scandinavia to sunny Spain, have provided our customers with peace of mind and satisfaction.

ASSORTMENT

At **BTR Systems**, we offer a wide variety of roofing panel profiles, finishes and colours to satisfy even the most demanding customers.

EASY TO INSTALL

BTR Systems roofing products are engineered and manufactured with ease of installation in mind. With each panel weighing approximately 8.8lb (4kg), they are easy to handle and roof structures do not require any reinforcement. No specialty tools are required to install a **BTR Systems** roof.

ACCESSORIES

At **BTR Systems**, we offer a full line of specialty steel roofing accessories designed specifically for our roofing system. With our selection of steel roofing accessories, roofing crews will not waste time on the job site cutting or forming specialty pieces. Our accessories include fascia edge pieces, chimney flashing, corner fittings and drip edge metal roof accessories.

ENVIRONMENTALLY FRIENDLY

BTR Systems rooves are durable & eco-friendly. Our roofing products have more than twice the lifespan of conventional roofing products. Unlike tar, or bitumen shingles, our steel panels are 100% recyclable, earning us a C4 environmental classification, according to Europe's EN ISO 12944-2.

Our steel roofing tiles average less than 5% waste during installation, compared to industry norms greater than 10%.

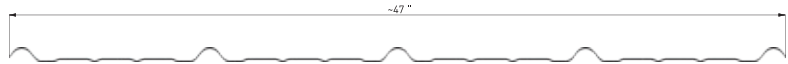
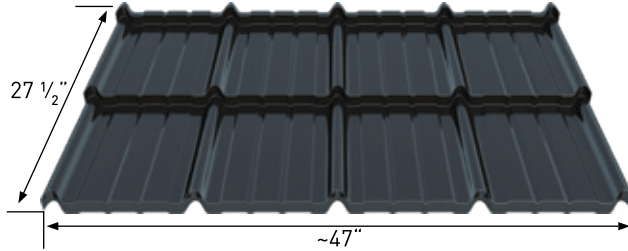
WARRANTY

At **BTR Systems**, our products are we backed with full manufacturer's warranty.

ESTIMA

TECHNICAL PARAMETERS

Tile width	~47"
Tile length	27½"
Tile gauge	26
Profile height	1¼"
Pieces per SQ	11.5



Available in the following finishes



Pladur® Wrinkle Mat



GREEN

*



BRICK RED



RED

*



BROWN



BRONZE



GRAPHITE



GRAY



BLACK

*special order

ESTIMA STEEL TILE

Out of Respect for Innovation

New, symmetrical flat tile, made of materials that guarantee quality, safety and comfort. Created for the most demanding customers. It is available in many colors and coatings, thanks to which it has wide configuration possibilities. Depending on the choice of protective coating, the manufacturer gives the product a warranty of up to 60 years. In a meeting with ESTIMA, the impression of solidity comes to mind involuntarily. The design will fit very well into both simple and more complicated roof constructions.

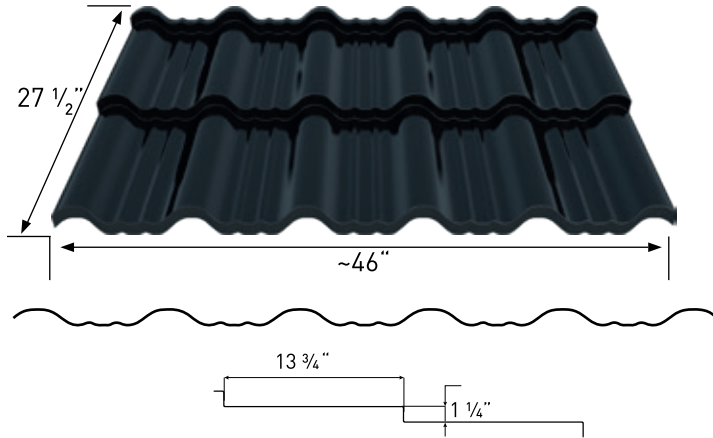


thyssenkrupp

ENIGMA

TECHNICAL PARAMETERS

Tile width	~46"
Tile length	27 1/2"
Tile gauge	26
Profile height	1 1/4"
Pieces per SQ	11.5



Available in the following finishes



Pladur® Wrinkle Mat



GREEN



BRICK RED



RED



BROWN



BRONZE



GRAPHITE



GRAY



BLACK

*special order



ENIGMA STEEL TILE

WE BROKE THE CODE TO THE EXCELLENCE

The laying method can be adapted to the specific roof and according to our own inspiration. The innovative technology of stiffening the sheets through the bottom shelf in combination with other product features makes it unrivalled on the market today. Enigma can surprise you even when you expect a surprise. The first positive shock comes as a combination of classics and modernity. Thanks to Safe Profiling System embossing combined with the Pladur Wrinkle Mat coating, customers receive as much as 60 years written warranty. The symmetrical Enigma profile is unique and particularly attractive in black and brick colors. The Enigma has been tailored to the needs of the most demanding roofers.

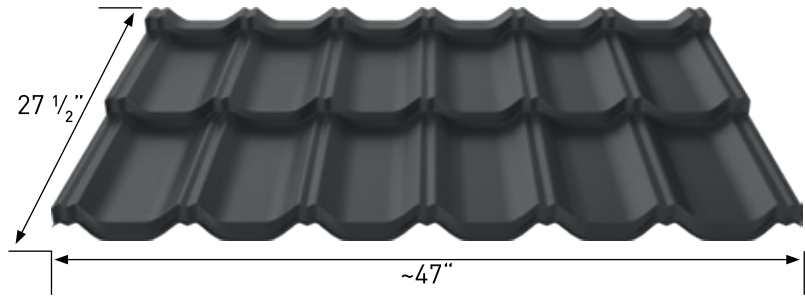


thyssenkrupp

TREMBLANT roof tile

TECHNICAL PARAMETERS

Tile width	~47"
Tile length	27½"
Tile gauge	26
Profile height	1¼"
Pieces per SQ	11.5



Available in the following finishes



Pladur® Wrinkle Mat



GREEN

*



BRICK RED



RED

*



BROWN



BRONZE



GRAPHITE



GRAY



BLACK

*special order

TREMBLANT STEEL TILE

Classic Clay Tile in Steel Panel

Tremblant tile panel interprets the classic clay tile in solid steel. This lower profile steel tile blends traditional contours with modern design, making it ideal for a range of classic architectural styles.

Unlike clay tiles, Tremblant steel tiles are light and do not require any roof structure reinforcement.

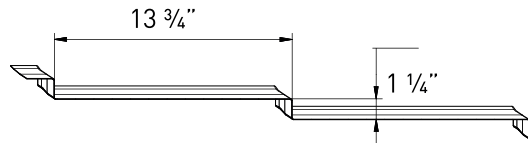
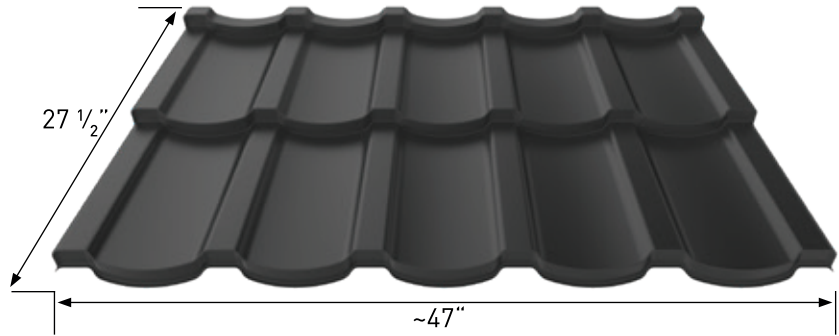


thyssenkrupp

WHISTLER

TECHNICAL PARAMETERS

Tile width	~47"
Tile length	27 1/2"
Tile gauge	26
Profile height	1 1/4"
Pieces per SQ	11.5



Available in the following finishes



Pladur® Wrinkle Mat



GREEN



BRICK RED



RED



BROWN



BRONZE



GRAPHITE



GRAY



BLACK

*special order

WHISTLER

European Slate Tile in Steel Panel

Whistler tile panel interprets European slate tile design in steel. This slender and graceful in form design is appropriate for classic, transitional and contemporary architectural styles.

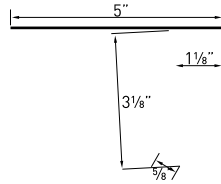
Unlike slate tiles, Whistler steel tiles are light and do not require any roof structure reinforcement.



thyssenkrupp

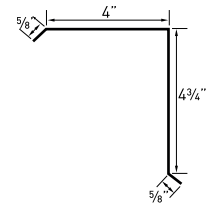
Drip edge

6½ ft



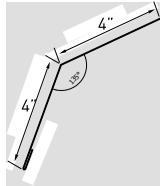
Outer Gable Flashing

6½ ft



Gutter flashing

6½ ft



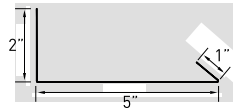
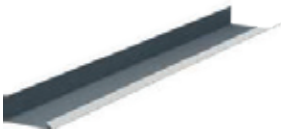
Valley flashing

6½ ft



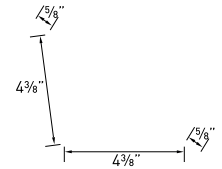
Inner Gable Flashing

6½ ft



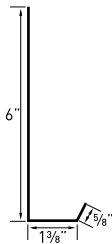
Step flashing (roof to wall)

6½ ft



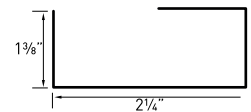
Fascia Trim

6½ ft



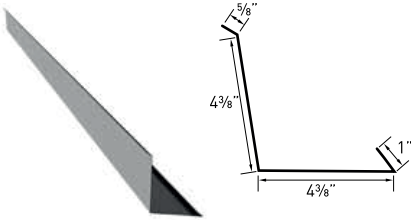
Eave Batten

6½ ft



Roof to Wall Inner Flashing

6½ ft



Flat sheet

6½ ft



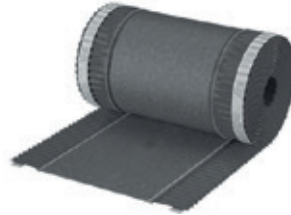
Hip and ridge tile

6½ ft



Ridge vent tape (waterproof)

12"x16.5'

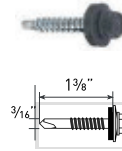


Ridge end cap



Self-drilling fasteners

available in galvanized steel or in stainless steel



Hip end cap



Universal plumbing vent boot



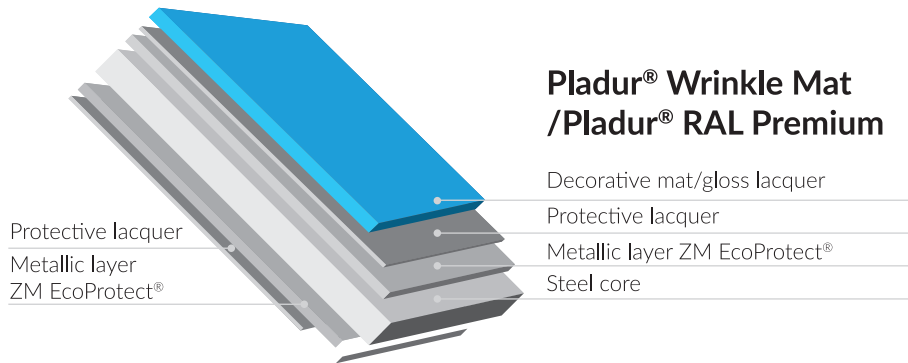




Pladur® Wrinkle mat



thyssenkrupp



Pladur® Wrinkle mat - thick-grain, double-layer coating system, with colours according to well-known patterns and min. coat thickness 35 microns. The sheets meet the requirements of class A2 in accordance with the Commission Decision 96/603/EC on fire protection and may be used in the corrosion category C4 according to the standard EN ISO 12944-2.



thyssenkrupp Steel Europe AG Renowned European Steelworks

Today, thyssenkrupp is one of the world's leading steel producers. A clear strategy that combines the culture of efficiency with corporate and social responsibility allows the company to be successful at all times thyssenkrupp Steel Europe AG undoubtedly sets industry trends and is an expression of the highest quality and technological commitment.

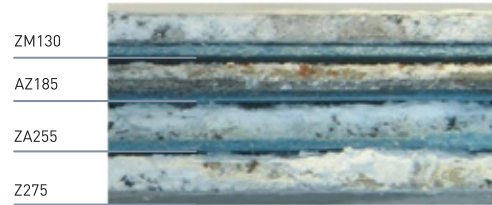
The combination of a long and amazing tradition with extensive experience and wide range of resources guarantee the company a leading position in the industry.

ZM EcoProtect an excellent resistance and protection against corrosion

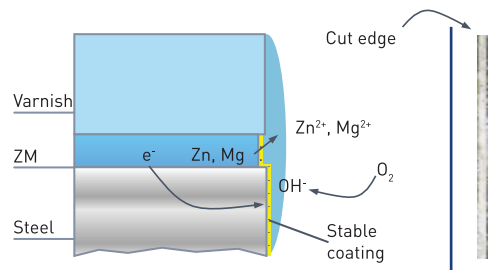
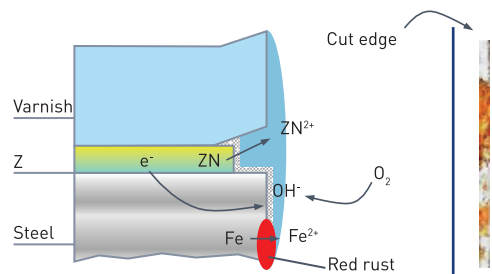
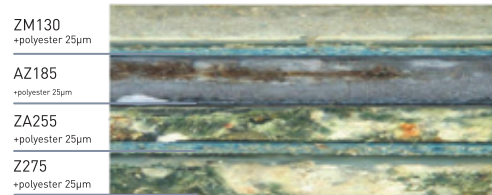
PLADUR® ZM EcoProtect:

- guarantees a modernized and improved anti-corrosion protection thanks to the use of an innovative zinc and magnesium alloy (ZM) as a metallic coating.
- thanks to innovative technological solutions, while respecting natural resources, the coating of the renowned steelworks thyssenkrupp Steel Europe AG has achieved better parameters compared to the zinc coating.

The edges of the cut after 385h

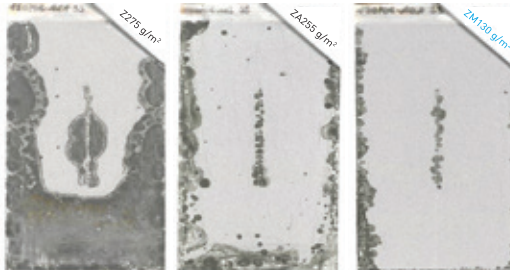


The edges of the cut after 1000h



**Salt spray corrosion test
as per standard DIN EN ISO 9227:**

All tests using 25 polyester after 1000h



C4

ENVIRONMENTAL CLASSIFICATION

Corrosivity class

It refers to the atmosphere or environment in which a metal surface or element functions. The knowledge of relevant corrosivity classes allows to discern what steel materials can be mounted on buildings and what kind of an anti-corrosion protection to apply.

The materials from the thyssenkrupp steelworks have a very high resistance to corrosion and are classified in **C4** category. They can be used in chemical plants, swimming pools, ship and boat repair yards, industrial areas and coastal areas with moderate salinity.

- guarantees a modernized and improved anti-corrosion protection thanks to the use of an innovative zinc and magnesium alloy (ZM) as a metallic coating.
- thanks to innovative technological solutions, while respecting natural resources, the coating of the renowned steelworks thyssenkrupp Steel Europe AG has achieved better parameters compared to the zinc coating.
- M EcoProtect allows to reduce the weight of the coating while maintaining above-average corrosion resistance.
- Protection in the form of a coating (M) makes the cutting and inclined edges much better protected against rust.
- In terms of machining, M is superior to conventional galvanized steel it has better forming properties, as well as good paintability and the possibility of using conventional methods of thermal and mechanical joining.
- ZM EcoProtect is an excellent base material for organic coated sheet metal roofs,
- M EcoProtect means longer viability and durability of steel sheets,
- M EcoProtect provides high resistance to weather conditions,



KROP[®]

WWW.KROPSYSTEM.EU

We take a new look at gutters!

STEEL GUTTER SYSTEMS • PVC GUTTER SYSTEMS • SQUARE GUTTER SYSTEM
HIDDEN GUTTER SYSTEM • PVC ROOF SOFFIT



KROP.

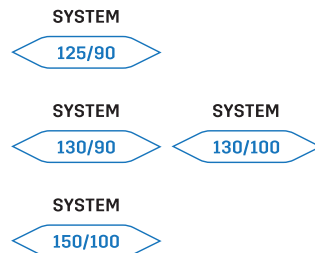


**Traditional craftsmanship
in a modern form**

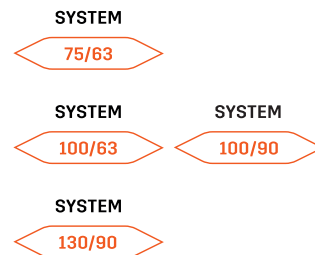




STEEL / SteelAZ gutter systems



PVC gutter systems





STEEL SQUARE gutter system*

* For special order only (8-10 weeks)

SYSTEM
135/80x80

NEW



PVC / STEEL gutter system*

SYSTEM
SRU

*special order

SYSTEM

125/90



RED
(RAL 3011)*



BLACK
(RAL 9005)



BRICK-RED
(RAL 8004)*



LIGHT BROWN
(RAL 8017)



AZ ALUZINC

SYSTEM

130/90



CHOCOLATE BROWN
(RAL 8018)



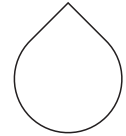
DARK BROWN
(RAL 8019)



GRAPHITE
(RAL 7016)



METALLIC ANTHRACITE
(RAL 9007)



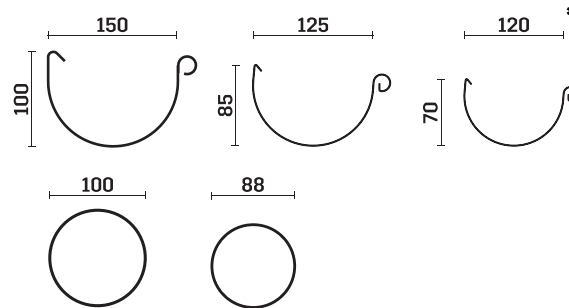
WHITE
(RAL 9010)

SYSTEM

130/100

SYSTEM

150/100



*special order

STEEL
gutter systems

■ UP TO 40 YEARS OF WARRANTY

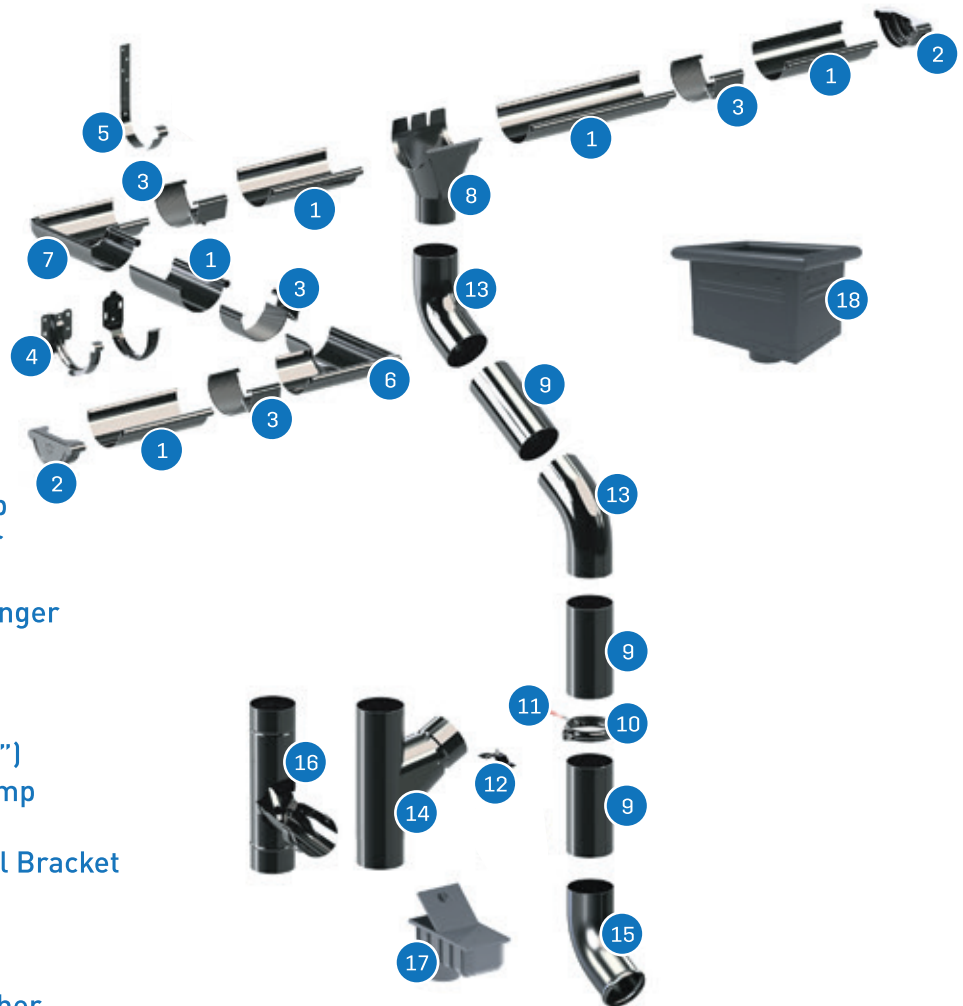


KROP[®]

GUTTER SYSTEMS



STEEL



1. Gutter (9'10")
2. Universal endcap
3. Gutter connector
4. Gutter Hanger
5. Rafter Gutter Hanger
6. Outside Corner
7. Inside Corner
8. Drop Outlet
9. Downspout (9'10")
10. Downspout Clamp
11. Clamp Dowel
12. Downspout Wall Bracket
13. Elbow
14. Tee Connector
15. Outflow Elbow
16. Rainwater Catcher
17. Rain Trap
18. Outlet Basket

** On special request, we make customized angles with various angle.



UP TO 40 YEARS OF WARRANTY

Product with proven performance characteristics. It is one of the longest guarantee periods available on the market.



HIGH DURABILITY

A very high quality material ensuring high resistance to mechanical damage and scratching.



PROTECTIVE LAYERS

A steel gutter has four protective layers ensuring higher resistance to adverse weather conditions and resistance to mechanical damage.



CORROSION RESISTANCE

Thanks to the use of top quality steel and protective layers, the system features very high corrosion-resistance.



MECHANICAL RESISTANCE

Based on tests and analyses, the product features very high resistance to mechanical damage.



EASY INSTALLATION

The system designed with attention to detail enables quick and efficient installation. The solution has been designed in cooperation with roofers.



VERSATILITY

Fits all types of roofing.



HIGH RESILIENCE

Resistant to deformation under external conditions.





SYSTEM

75/63



BLACK
(RAL 9005)



DARK BROWN*
(RAL 8019)



LIGHT BROWN*
(RAL 8017)



GRAPHITE*
(RAL 7016)

SYSTEM

100/63



WHITE
(RAL 9010)
* 100/90
** 130/90



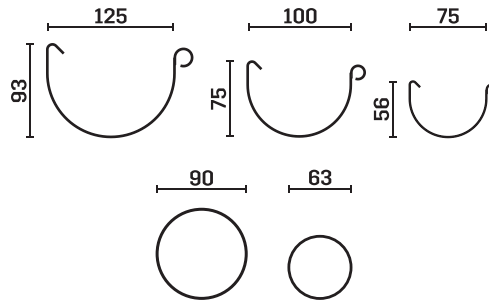
RED
(RAL 3011)
* 100/90

SYSTEM *

100/90

SYSTEM **

130/90

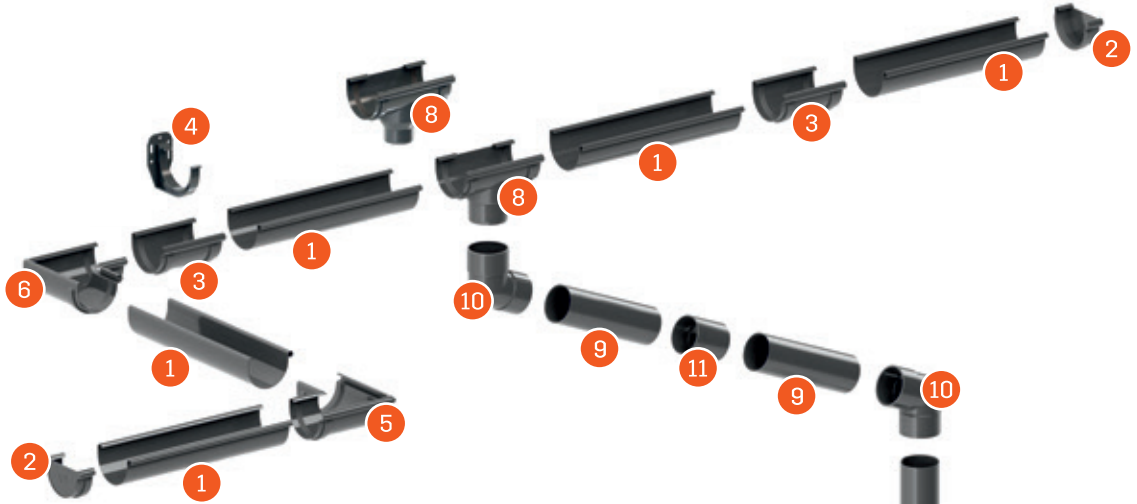


*special order

PVC
gutter systems

■ 20-YEAR WARRANTY





- 1. Gutter
- 2. End cap (right/left)
- 3. Gutter connector
- 4. Fascia bracket
- 5. 90° External corner
- 6. 90° Internal corner
- 7. Universal adjustable corner 120°-145°*
- 8. Outlet
- 9. Downspout
- 10. Elbow
- 11. Downspout connector
- 12. Downspout steel clamp

- 13. Steel clamp dowel
- 14. PVC downspout clamp
- 15. PVC clamp dowel
- 16. Sandwich panel connector
- 17. 90/63 Reducer
- 18. Branch
- 19. 90/110 Rubber reducer
- 20. Rainwater collector
- 21. Revision

* 130 KROP PVC gutter system





20-YEAR WARRANTY

Product with proven performance characteristics. It is one of the longest guarantee periods available on the market.



PERFECT WATER-TIGHTNESS

A special multi-lip seal, developed in cooperation roofers, ensures reliability regardless of the weather.



LIGHTWEIGHT AND EASY TO INSTALL

Lightweight material does not strain the structure while innovative system components additionally make installation easier



RESISTANT TO UV RADIATION

Retains durable colour for years.



ENVIRONMENTALLY-FRIENDLY

The material can be recycled and reused.



EFFICIENCY

Excellent value for money.



HIGH DURABILITY

A very high quality material ensuring high resistance to mechanical damage and scratching.

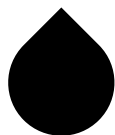


PRO-ENVIRONMENTAL DESIGN

Manufacturing in the spirit of LESS WASTE is an environmentally friendly process.





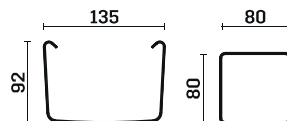


BLACK
(RAL 9005)



GRAPHITE
(RAL 7016)

SYSTEM



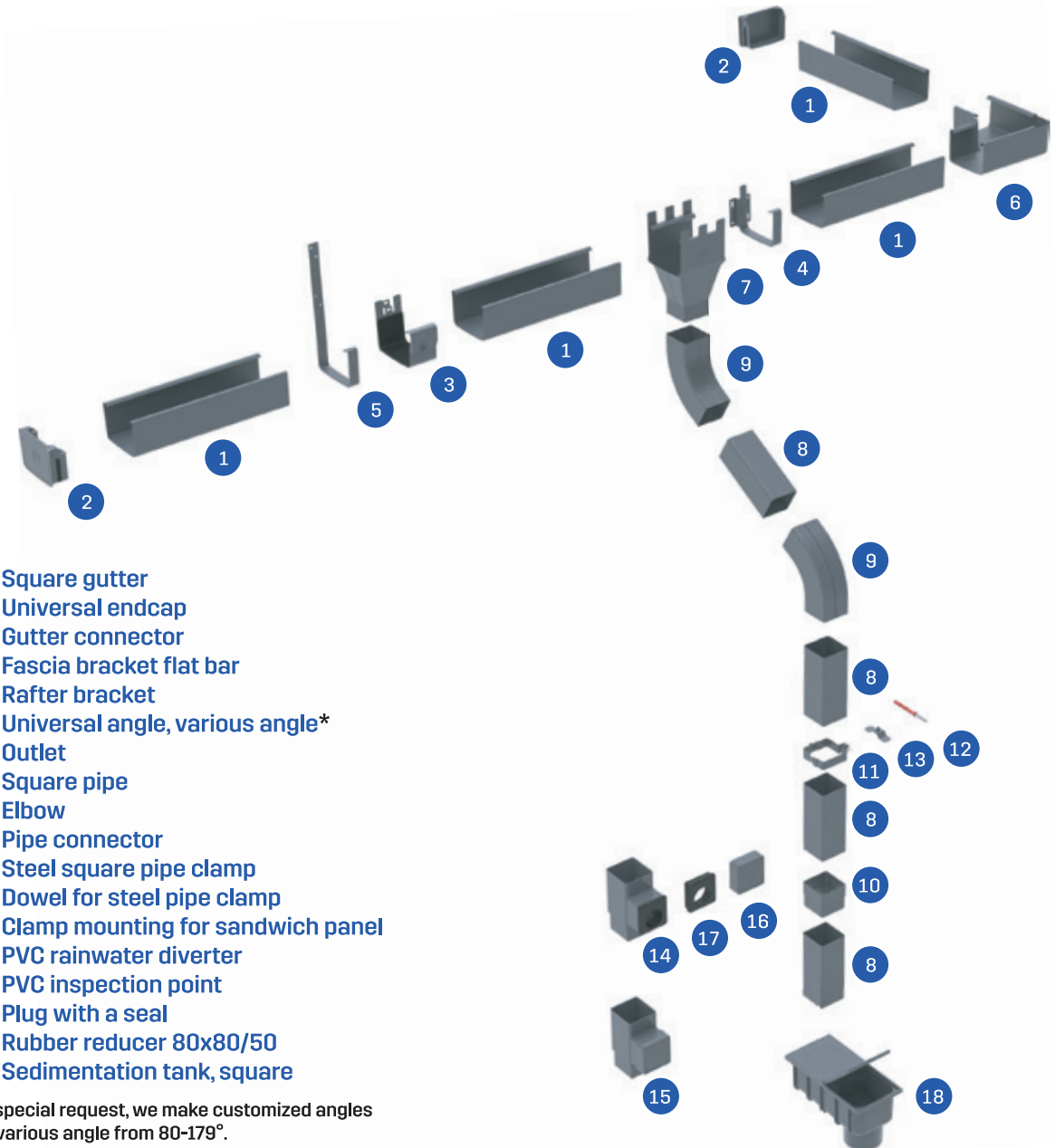
PEACE OF MIND GUARANTEED

UP TO 50-YEAR guarantee against perforation due to corrosion of the KROP STEEL Square Gutter System

**Functionality
in unobtrusive style**

| SQUARE GUTTER SYSTEM





1. Square gutter
2. Universal endcap
3. Gutter connector
4. Fascia bracket flat bar
5. Rafter bracket
6. Universal angle, various angle*
7. Outlet
8. Square pipe
9. Elbow
10. Pipe connector
11. Steel square pipe clamp
12. Dowel for steel pipe clamp
13. Clamp mounting for sandwich panel
14. PVC rainwater diverter
15. PVC inspection point
16. Plug with a seal
17. Rubber reducer 80x80/50
18. Sedimentation tank, square

* On special request, we make customized angles with various angle from 80-179°.



SYMMETRICAL GUTTER

The symmetrical shape of the gutter makes installation of long elements simple and efficient.



CORROSION RESISTANCE

Thanks to the use of top quality steel and protective layers, the system features very high corrosion-resistance.



UNIVERSAL FITTINGS - 2 IN 1

The symmetrical gutter fittings ensure intuitive installation of the system.



EASY TO INSTALL

The simple and lightweight form of the system makes work on the roof faster and easier.



REINFORCED SUPPORTING ELEMENTS MADE OF STEEL

They ensure high stability of the gutter system.



SIMPLE DESIGN

Perfectly integrated into the body of the building - this is an aesthetic finish to the roof.



DEEP GUTTER

The 135/80x80 square gutter system ensures the best performance on the market.



PRO-ENVIRONMENTAL DESIGN

Manufacturing in the spirit of LESS WASTE is an environmentally friendly process.



HIGH DURABILITY

A very high quality material ensuring high resistance to mechanical damage and scratching.



PEACE OF MIND GUARANTEED

UP TO 50-YEAR guarantee against perforation due to corrosion of the KRÖP STEEL Square Gutter System.



PROTECTIVE LAYERS

A steel gutter has four protective layers ensuring higher resistance to adverse weather conditions and resistance to mechanical damage.



READY-MADE PACKAGE OF MATERIALS FOR THE ARCHITECT

A complete library of CAD drawings.
DOWNLOAD: WWW.KROPSYSTEM.EU



SYSTEM *



**REINFORCED FASCIA
COLORS**



**RAL 7016
GRAPHITE**



**RAL 9005
BLACK**



**RAL 9010
WHITE**



UP TO 40 YEARS

Warranty against perforation by rust for
REINFORCED FASCIA.

This is the longest warranty on the market.



UP TO 10 YEARS

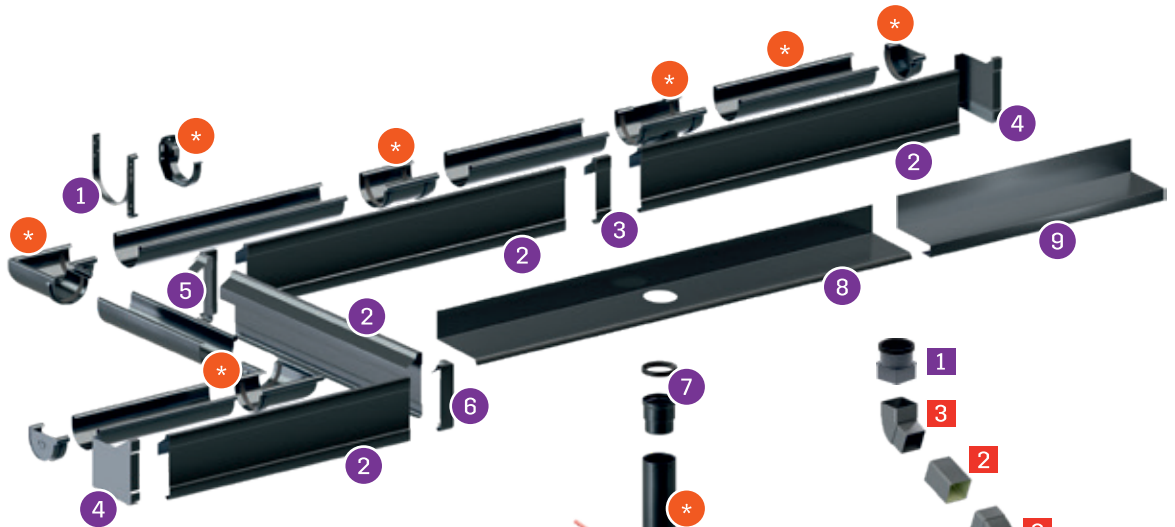
Guarantee of the system water-tightness
during installation of KROP PVC pipe
in the facade.

*special order

**Traditional craftsmanship
in a modern form**

■ HIDDEN GUTTER SYSTEM



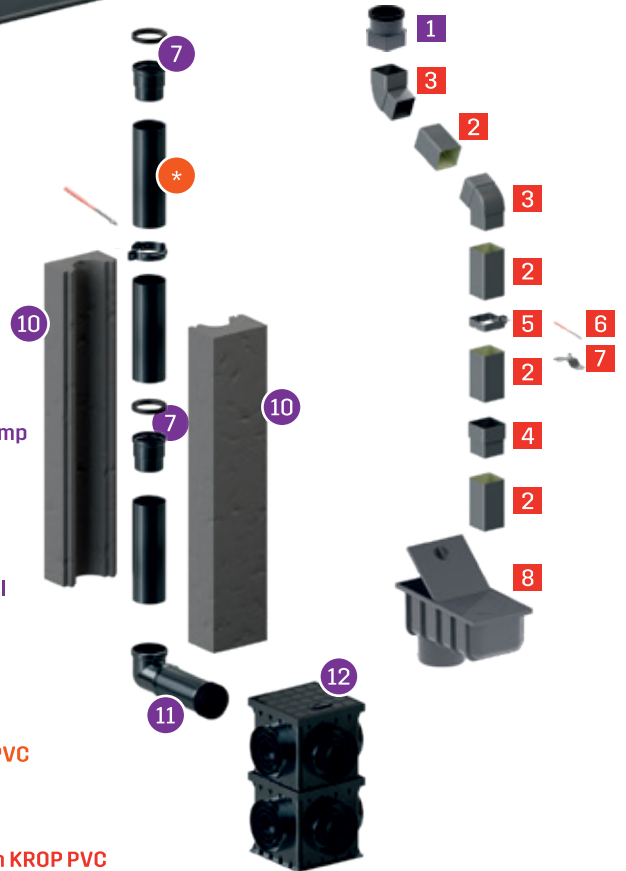


- ① Adjustable fascia bracket
- ② Reinforced fascia
- ③ Fascia connector
- ④ Fascia plug (RIGHT/LEFT)
- ⑤ Inner corner of the fascia
- ⑥ Outer corner of the fascia
- ⑦ Pipe connector with gasket
- ⑧ Verge trim
- ⑨ Roof soffit panel
- ⑩ Downpipe insulation
- ⑪ Flexible elbow
- ⑫ Inspection pit

- ① Adapter 90 / 80x80 (FOR SQUARE TUBE)
- ② Square tube
- ③ Elbow
- ④ Pipe connector
- ⑤ Steel square tube clamp
- ⑥ Dowel for steel pipe clamp
- ⑦ Fixing the clamp to the sandwich panel
- ⑧ Settling tank

* Gutter system KROP PVC
130/90

■ Square Gutter System KROP PVC
135/80x80





THE SIMPLEST INSTALLATION OF A HIDDEN GUTTER SYSTEM ON THE MARKET

Developed with master roofers and based on their best practices.

Special calculator for easy installation: WWW.KROPSYSTEM.EU



ADJUSTABLE FASCIA BRACKET

It ensures the installation and leveling of the fascia regardless of the slope of the gutter system.



AESTHETIC REINFORCED FASCIA WITH THICKNESS OF 0.7 MM

Adjusted to the latest trends of houses without eaves. The specially designed profile of the reinforced fascia ensures that there is no ripple effect.



CLASSICAL INSTALLATION ACCORDING TO THE ART OF ROOFING

Thanks to the use of a proven profile of KROP semi-circular gutter, the installation of the system runs smoothly and according to known roofing standards.



FASCIA PROFILE WITH SPECIAL PROTECTION

It prevents precipitation from entering between the fascia and gutter.



ROOF SOFFIT PANEL FOR CLASSIC INSTALLATION IN A HOUSE WITH EAVES

It allows an aesthetic installation of the soffit panel and the downpipe.



VENTILATION GAP

It allows to maintain proper roof ventilation, thanks to the vertical adjustment of the fascia on the bracket.



PERFECT WATER-TIGHTNESS

The proven solution for sealing and connecting the gutter to the downpipe (pipe connector with gasket), eliminates the risk of leakage in the system.



PROVEN PERFORMANCE

Using a classic KROP gutter system ensures efficient rainwater drainage.



3,2,1
OK

APPLICATION TO FACILITATE CORRECT INSTALLATION

Special calculator to facilitate correct positioning of the hidden gutter system in relation to the roof plane.
Check out! WWW.KROPSYSTEM.EU

CAD

READY MATERIAL PACKAGE FOR ARCHITECT

A complete library of CAD drawings ensures that the system may be quickly entered into the design by the architect.

40

LONGEST WARRANTY ON THE MARKET

UP TO 40 YEARS – warranty against perforation by rust for REINFORCED FASCIA.
20 YEARS – mechanical durability warranty for KROP PVC.
UP TO 10 YEARS – guarantee of the system water-tightness during installation of KROP PVC pipe in the facade.



STONE COATED PRODUCTS

BTR SYSTEMS

GROUP  **BLACHOTRAPEZ**

BTR Systems offers also durable and reliable stone coated roofing. The highest quality of the products is confirmed by our 60-year warranty – the longest on the market.

A bold take on tradition. Following innovation. Involvement in the latest technologies. All these values are reflected in the activities of BTR Systems. An extensive technology park and its own research laboratory, employing qualified staff, allow the highest quality of finished product to be obtained.

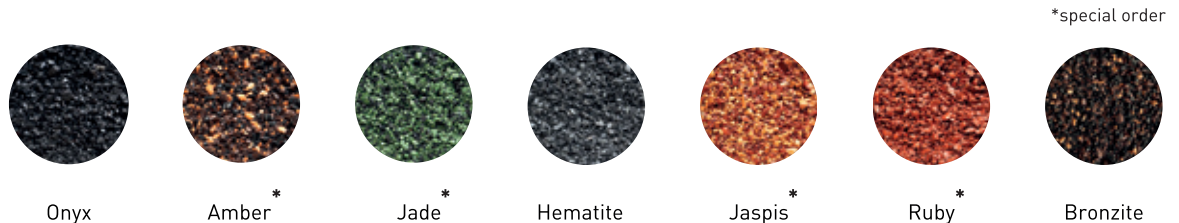
THE STRENGTH OF STONE AGGREGATE

The stone coating stands out thanks to its distinct structure, visible even from a great distance. The coarse stone create an effective barrier resistant to weather conditions. The surface of the stone coated roofing is resistant to scratches and damage. It is more convenient in transport and during assembly, as well as in everyday use. The ability to dampen sound is also an advantage of stone coated roofing, which significantly increases the comfort of time in the attic during a downpour or hailstorm. Stone coated roofing also protects against excessive overheating of rooms in the attic.



AVAILABLE COLOUR SCHEME

Additional possibilities in enhancing the look of the roof are provided by our original colours – from classic black, or Onyx, through the ever-fashionable, timeless browns (Amber) and greys (Hematite), red shades (Jaspis), non-obvious green (Jade) and Bronzite. This extensive colour range makes BTR Systems roofing solutions as elegant as they are full of energy and dynamics.

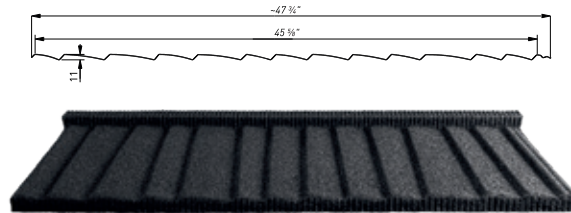




TECHNICAL PARAMETERS

Total width	~47 3/4"
Width of actual cover	45 5/8"
Height of step – tile offset	1 1/2"
Length of step – Module	15"
Length of sheet	17"
Profile depth	3/8"
Amount/m ²	2,27 pcs
The minimum angle of inclination of the roof	14°

TECHNICAL DRAWING



AVAILABLE COLOUR SCHEME

*special order



Onyx



Amber *



Hematit



Jade *



Bronzite

THUNDER draws its design inspiration from the architecture of Podhale.

Unique roofs made of wooden shingles are primarily associated with the mountain landscape. However, the high cost of manufacture of traditional coverings and the insufficient resistance of wood to external factors have contributed to the emergence of many alternatives on the market.

Therefore, in response to the needs of customers seeking new, ecological, unique solutions, we introduced a modular roof panel covered with a natural stone chip coating – THUNDER. A profile imitating a traditional wooden shingle, covered with natural stone chips. Designed and manufactured in Poland.

This is a product whose quality, reliability, durability and design will appeal to demanding customers, and which creates a kind of harmony when combined with wooden construction.

Its application ensures the roof's resistance to extreme weather conditions in the time of rapid climate change. These promises are confirmed by a 60-year warranty.

The THUNDER roofing module is much lighter than ceramic tiles, so it can also successfully replace them on older roofs. Moreover, the simple assembly and connection system guarantee perfect tightness of the covering – without risk of roof leakage.





TECHNICAL PARAMETERS

Total width	~47"
Width of actual cover	45"
Height of step – tile offset	1 3/8"
Length of step – Module	14 1/2"
Length of sheet	17"
Profile depth	3/4"
Amount/m ²	2,37 pcs
The minimum angle of inclination of the roof	14°

TECHNICAL DRAWING



AVAILABLE COLOUR SCHEME

*special order



Onyx



Amber *



Hematit



Ruby *



Jaspis *



Bronzite

REFLECTION OF EXCELLENCE

A reliable roof covering that will protect your home for many years. Confirmed quality and reliability in harmony with nature and corresponding with its requirements. Product with the longest commercially available 60-year written warranty.

The unique appearance of the stone chip coated roof is ensured by its unique form with double dimple, which is a response to the current architectural trends.

BLIZZARD is a stylish, straight form with a double rib. The shape resembles classic ceramic roof tiles, which is complemented by the stone chip coating. A highly aesthetic product with a refined structure, BLIZZARD is an inherent landscape element of modern roof covers.

BLIZZARD has 6 deep ridges in each panel and is available in various colours that will prove effective not only on new builds, but also on more traditional buildings. The elegant optics of the arranged roof panels, deceptively resembling typical ceramic roofs, can be obtained with a roof inclination of 14°.

Nor is practical application forgotten about – anything to make the roofer's job easier. BLIZZARD stone chip coated roof tiles enable extremely quick and easy assembly. The regular pattern allows for the arrangement of the right number of tiles, such that during assembly, their optimal number is used with the least amount of waste.

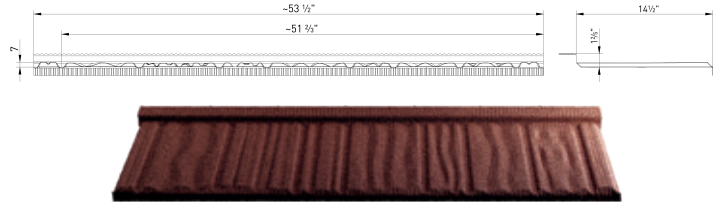


STORM

TECHNICAL PARAMETERS

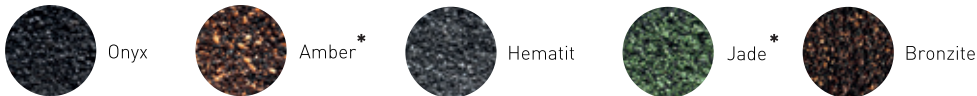
Total width	~53 1/2"
Width of actual cover	51 3/4"
Height of step – tile offset	1 3/8"
Length of step – Module	14 1/2"
Length of sheet	16 3/4"
Profile depth	1/8"
Amount/m ²	2,06 pcs
The minimum angle of inclination of the roof	14°

TECHNICAL DRAWING



AVAILABLE COLOUR SCHEME

*special order



STORM INSTILLING RESPECT

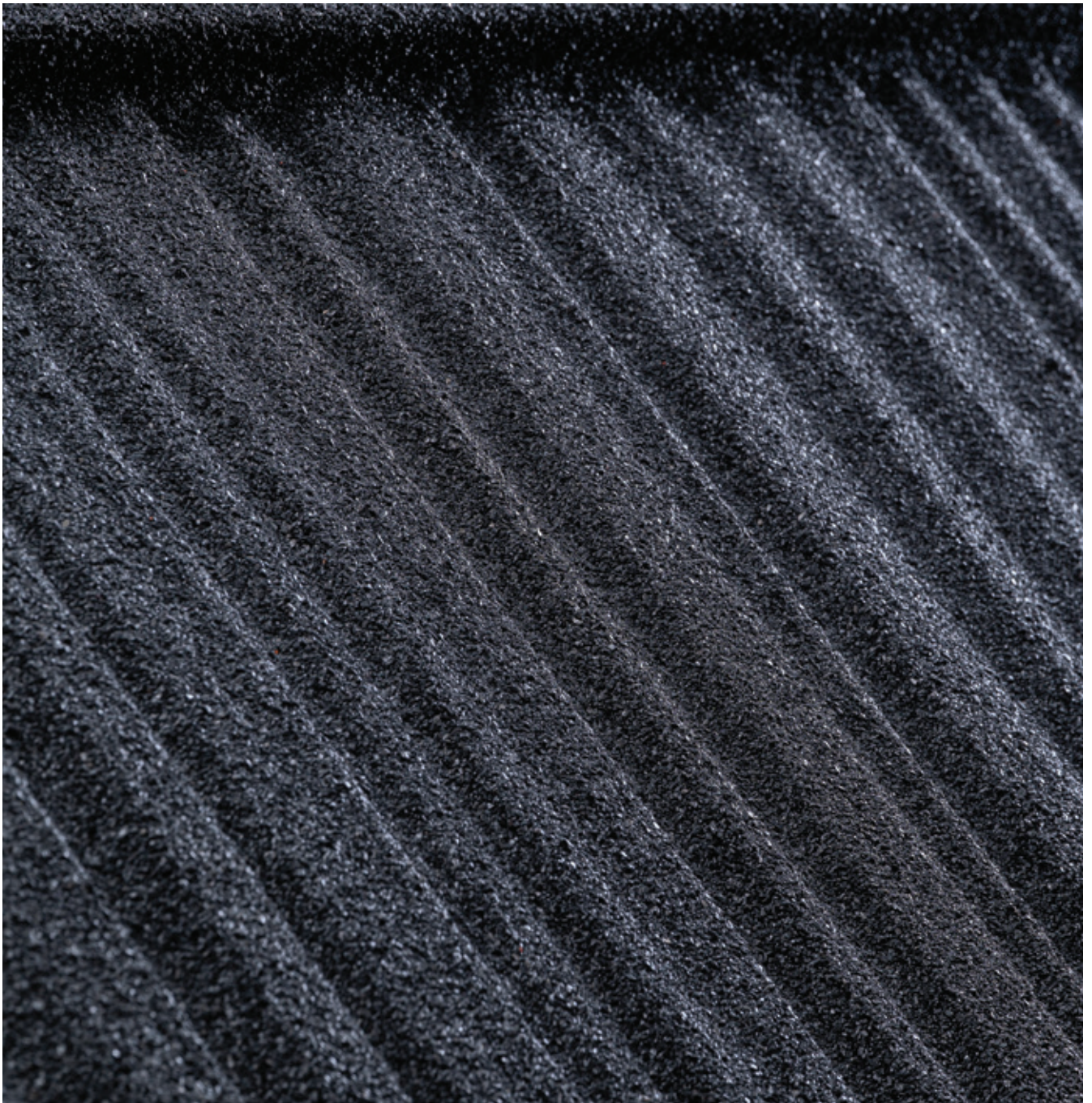
STORM stone chip coated roofing is, of course, a recognisable and striking shape from the very beginning – one of the latest products from BTR Systems, which will successfully fit into the latest styles, among others. It's a profile that perfectly fits with wooden construction and log cabins, as well as minimalist, designer buildings. The deep, expressive profile and irregularity of the pattern perfectly reflect the spirit of real aspen shingles and wood as a natural material.

It is a reflection of the aspen wood shingle that originates from Canada. It is the essence of good taste, and lovers of wooden architecture now have even more choices.

STORM draws its inspiration from nature. The untamed power of storms, downpours and high winds are just a few of the atmospheric factors that it easily copes with.

Proper installation of our roof covers ensures extraordinary resistance to wind gusts.

The BTR Systems offer includes stone chip coated accessories, thanks to which the result will be a harmoniously composed roof.

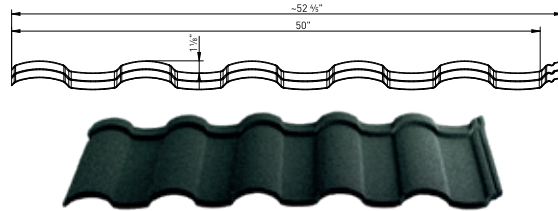


mis·tral

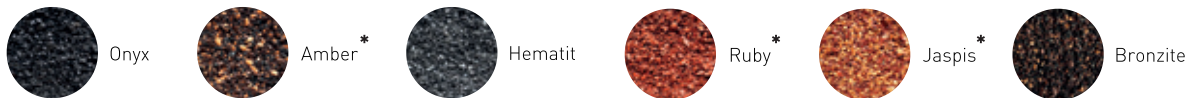
TECHNICAL PARAMETERS

Total width	~52 1/8"
Width of actual cover	50"
Height of step – tile offset	1/8"
Length of step – Module	14 1/2"
Length of sheet	16 3/4"
Profile depth	1 1/8"
Amount/m ²	2,13 pcs
The minimum angle of inclination of the roof	14°

TECHNICAL DRAWING



AVAILABLE COLOUR SCHEME



MISTRAL ATTRACTS THANKS TO SYMMETRICAL PROFILE

Low rooflines, wide overhanging eaves and heavy red brick tiles are the elements that keep the home airy and cool during high temperatures and are still a common architectural element in Europe and the Mediterranean Basin to this day.

MISTRAL stone chip coated roofing was created to give the roof this uniquely Mediterranean look, additionally offering functionality and resistance to local weather conditions.

With its shape and name, MISTRAL refers to the wavy surface of the sea moved by the hot Mediterranean wind. The clear regularity of this roof cover makes it the perfect finish for the roofs of buildings with a regular, classic shape, especially in the colour Jasper. The composition, which combines the features of good architecture, refers to tradition while also being a breath of fresh air. MISTRAL is a profile with a timeless nature.

MISTRAL is made of high-quality materials with a steel core protected from corrosion on both sides with alu-zinc and finished with a stone chip coating available in a wide range of colours.

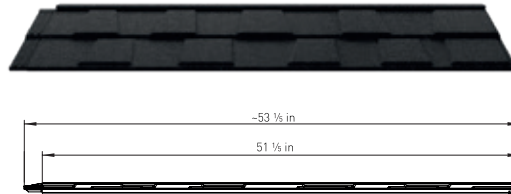


POLAR

TECHNICAL PARAMETERS

Total width	~53 1/8 in
Width of actual cover	51 1/8 in
Height of step – tile offset	1/2 in
Length of step – Module	14 3/8 in
Length of sheet	16 1/2 in
Profile depth	1/2 in
Amount/m ²	~2,1 pcs
The minimum angle of inclination of the roof	14°

TECHNICAL DRAWING



AVAILABLE COLOUR SCHEME



Onyx



Hematite



Bronzite



Jade *

*special order, lead time 8-10 weeks

POLAR – INSPIRED BY AMERICAN ARCHITECTURE

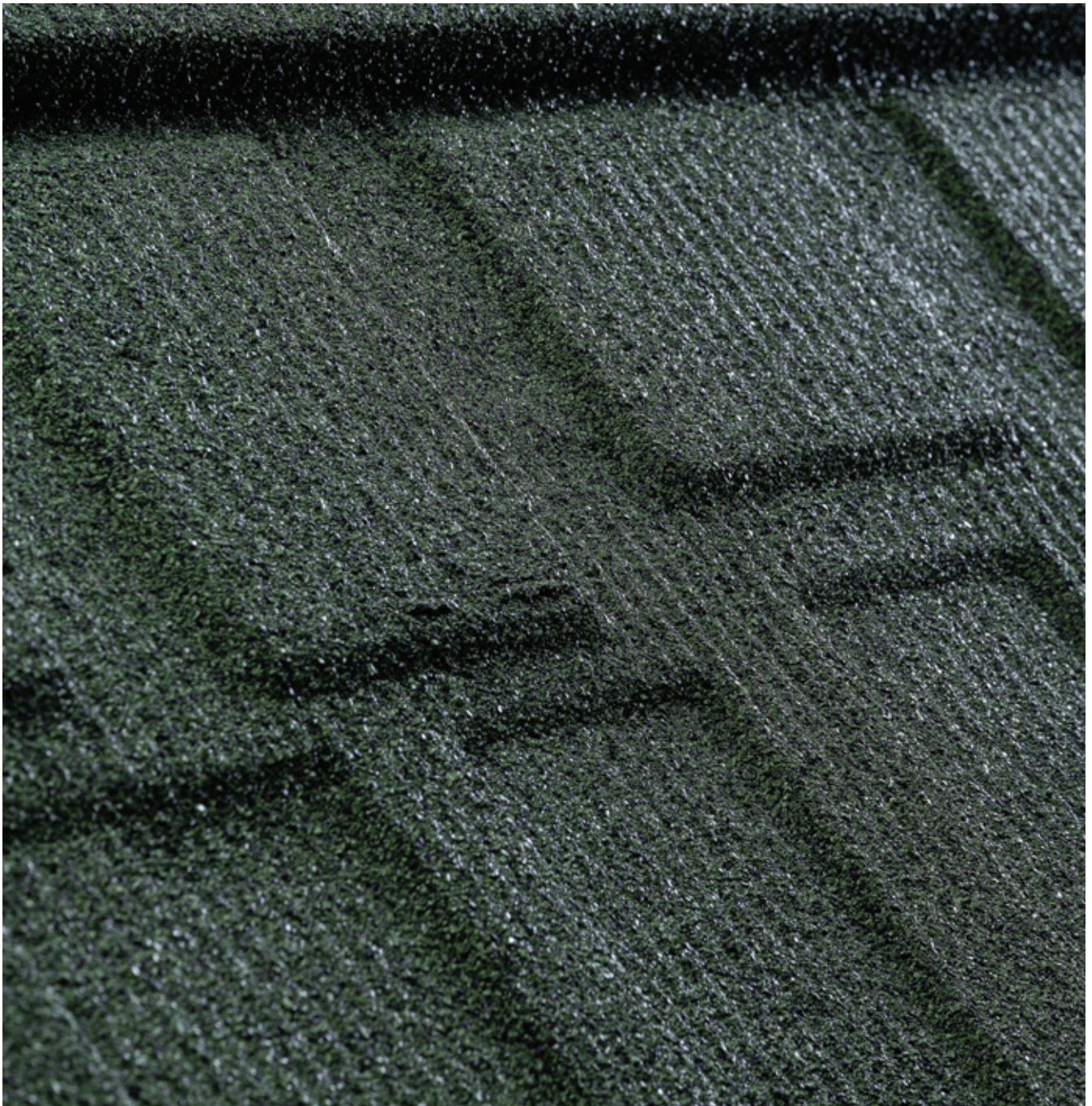
Drawing from American design, Polar combines minimalist forms with high functionality. The concept emphasizes ease of installation and user comfort.

EASE AND PRECISION OF INSTALLATION

The Polar mounting system is designed for maximum convenience and accuracy. Installation on a fully boarded roof using a dedicated underlay is quick, and the screws remain hidden, ensuring the roof's aesthetic appeal is fully preserved.

Outstanding technical properties of roofing with natural stone chip coated.

Polar stands out not only with its modern appearance but also with its excellent technical performance.



THUNDER, STORM, BOLT ridge tile



Modular ridge tiles



3-module ridge tile Blizzard, Mistral



(Sanitary) ventilation chimney



**Left/Right profiled wind girder
380 THUNDER / 370 STORM**



Universal wind girde



Side sheet fitting Left/Right 380 THUNDER / 370 STORM



Sub-ridge girder



TORX fasteners



Standard fasteners



Maintenance stone



Maintenance glue



Bending machine



Guillotine



Flat sheet



The Best Type of Roofing



BTR Systems Group Blachotrapez
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