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IZI^{° ROOF}IZI^{° LOOK}



Modularity.

"Z"-type ribbing.

Colour and coating structure repeatability. Professional packing. State-of-the-art technological solutions.

55-year guarantee - applies to selected coatings.









Two-modular sheets.

3D cutting according to wave shape.

HETA

Installation holes.

Available in a wide range of colours and coating types.





Classic metal roof tiles cut to dimension.

Installation holes on ribs 30 mm, 35 mm and 40 mm.

3D cutting according to wave shape.

Available in a wide range of colours and coating types.

ALFA





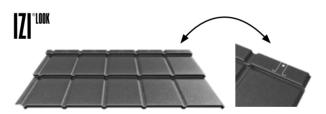






MODULAR SERIES version i.e. state-of-the-art line of modular roofings fitted with innovative technological solutions and perfectly finished from the aesthetics standpoint. The roofing tiles are made in the form of modular sheets that significantly facilitate and accelerate transport, installation and storage. This exceptionally effective solution, is appreciated for the optimization of work costs and reduction of waste to necessary minimum.









Our series of modular roof tiles represent two renowned profiles in two variants. Basic: **IZI®Roof** and **ZET®Roof** and completely deprived of visible screws, known as **IZI®Look** and **ZET®Look**.

The MODULAR SERIES is distinguished by features that are common only for this class of products:

Advanced technological solutions, representing proprietary innovations on the market of roofing tiles, made with attention to the smallest details and impeccable precision because of automated production lines.

High "Z" shaped rib is a legally protected solution that causes deep shadows between the modules. Therefore, the roofing presents one of the kind dynamic form under all lighting conditions and protects the cut edges against corrosion.

Professional packing includes styrofoam spacers, dedicated cover with reusable bands, stretch foil and clamping belts. Their application secures the modules, reduces hazards of damage and abrasion during loading, transport and unloading.

The guarantee covering 55 years for selected coatings confirms the quality of products on the roofing market, supported by objective laboratory examinations.

The guaranteed repeatability of colour and structure is ensured in the guarantee card.

Dedicated TORX screws, (IZI[®] Roof, ZET[®] Roof), i.e. less visibility of fasteners resulting in better aesthetics of the roofing.



NODUAR STEEL ROOF TIES NOVE A STEEL ROOF TIES NOULAR STEEL ROOF TIES

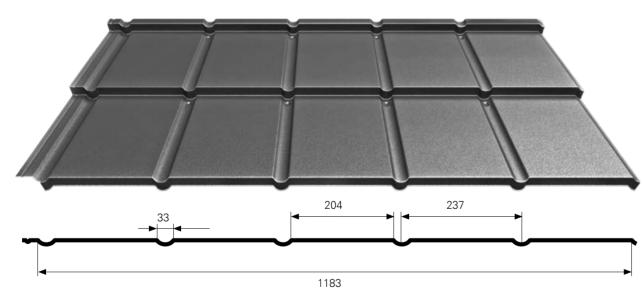
 10
 IZI ROOF

 14
 IZI LOOK

 20
 ZET ROOF

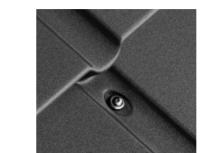
 24
 ZET LOOK

MODULAR STEEL ROOF TILES IZI® ROOF



1183
1233
0,5
38
30
363 (batten spacing 350 mm)
0,828 m ²





ANTI-WAVE is a system of

precisely shaped installation

recesses in sheet positions

are as follows:

of fasteners.

of fasteners,

positions.

optimum for the installation of the

fasteners. Basic benefits resulting

from application of this solution

determination of optimum

reduction of stresses and

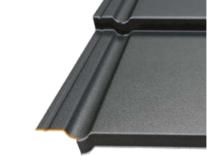
the shape of the recesses

facilitates the removal of

moisture from the installation

waviness of a flat roof, no need to plane the lathes to the roof inclination, recesses reduce the visibility

locations for the installation



EASY LINK: to avoid the effect of

pushing the overlapping sheets out at the

roof tiles IZI® use the cut-out at the bottom

rib corner. It helps to avoid the overlapping

of four layers of sheets at the connection

flat. Moreover, specially shaped profile of

point and makes the roofing perfectly

extreme ribs enables perfect matching

joints.

of the sheets without visible longitudinal

connection of four sheets, the modular



Z' TYPE RIB

Image of your roof is not only colour and shape but also the effects of reflection and shadow. When designing our product, we paid attention to all of those aspects. All of that in order to design roofing which would combine the highest level of aesthetics, functionality and durability as well as safety and efficient assembly. The ground-breaking profiling technology using the 'Z' type rib causes the formation of deep shades between modules. This makes the roofing present its unique and dynamic form in any lighting conditions. Not only does the rib shade shape the image of the tiles but, above all, the screws and joints between the sheets are less visible. This has a fundamental effect on the roofing's aesthetics.

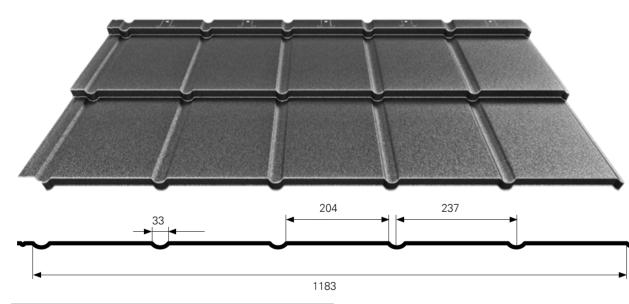
- Screws hidden in the shade,
- invisible horizontal joints
- attractive and dynamic form.

🕈 2 cm

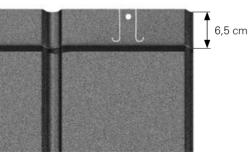
10

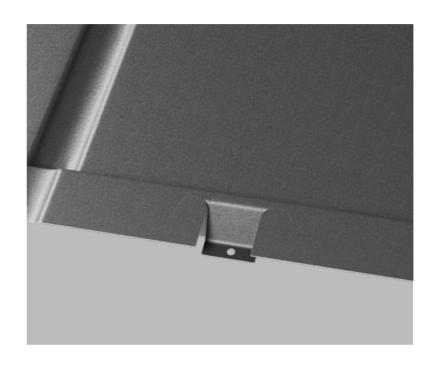


MODULAR STEEL Roof Tiles IZI®Look



Technical parameters [in mm]	
Effective width	1183
Total width	1233
Thickness of steel sheet	0,5
Total profile height	38
Height of forming	30
Module length	363 (batten spacing 350 mm)
Effective area (cladding) of a single sheet	0,828 m ²







INVISIBLE TO THE EYE Modular steel roof tiles and IZI®Look mean the highest aesthetics without any compromise. A distinguishing feature of this roofing is elimination of visible screws on the roof surface and thus their harmony is not disturbed by any fastener or installation hole. The installation system, designed in cooperation with roofing experts, is very simple despite its technological complexity.



EASY LINK: to avoid the effect of pushing the overlapping sheets out at the connection of four sheets, the modular roof tiles IZI[®] use the cut-out at the bottom rib corner. It helps to avoid the overlapping of four layers of sheets at the connection point and makes the roofing perfectly flat. Moreover, specially shaped profile of extreme ribs enables perfect matching of the sheets without visible longitudinal joints.

Modular steel roof tiles IZI[®]



IZI® is a bi-module sheet metal roof tile, designed with attention to the greatest detail. Its perfectly matching flat surface impresses with modest elegance and a futuristic character, providing roofing that is resistant to time and passing trends.

Unique form, ease and speed of installation, exceptional durability, Z-type ribs, and the repeatability of colours and structures are the qualities of IZI®, which are confirmed by a 55-year warranty. Basic features of IZI® modular roof tiles:

- FLAT FORM Timeless and effective roofing.
- HIGH Z-TYPE RIBS The legally protected, innovative Z-type ribs

mean unique economic, installation and aesthetic benefits.

- PERFECTION IN DETAILS Flawless craftsmanship precision and immaculate appearance.
- LONGITUDINAL RIBS Perfectly flat surface protected against the wavy motion effect.
- MODULARITY A fast and easy installation with low associated costs.

DEDICATED ACCESSORY SYSTEM Perfectly matched, functional and complete roof system.

IZI® ANTI-WAVE Process solutions minimizing strains and waviness of a flat surface.

EASY LINK

Original solution making the sheets fit together like never before.



on www.warranty.bp2.eu. Specific warranty terms and conditions are stated in the warranty card.



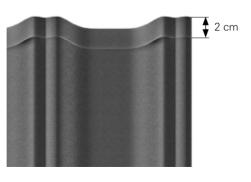




MODULAR STEEL Roof Tiles Zet®roof



Technical parameters [in mm]	
Effective width	1150
Total width	~1212
Thickness of steel sheet	0,5
Total profile height	50
Height of forming	30
Module length	363 (batten spacing 350 mm)
Effective area (cladding) of a single sheet	0,805 m ²





Z' TYPE RIB

Image of your roof is not only colour and shape but also the effects of reflection and shadow. When designing our product, we paid attention to all of those aspects. All of that in order to design roofing which would combine the highest level of aesthetics, functionality and durability as well as safety and efficient assembly. The ground-breaking profiling technology using the 'Z' type rib causes the formation of deep shades between modules. This makes the roofing present its unique and dynamic form in any lighting conditions. Not only does the rib shade shape the image of the tiles but, above all, the screws and joints between the sheets are less visible. This has a fundamental effect on the roofing's aesthetics.

Screws hidden in the shade,

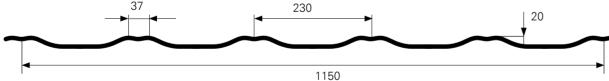
invisible horizontal joints

attractive and dynamic form.

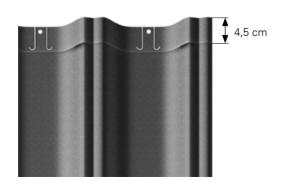


MODULAR STEEL Roof Tiles Zet®look





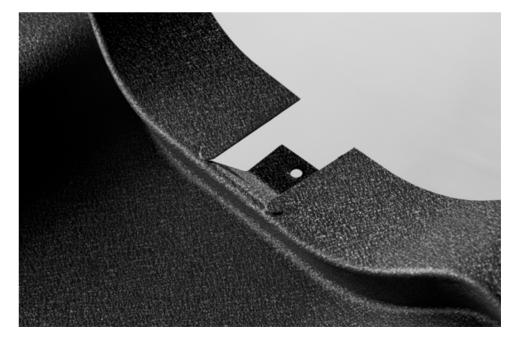
Technical parameters [in mm]	
Effective width	1150
Total width	~1212
Thickness of steel sheet	0,5
Total profile height	50
Height of forming	30
Module length	363 (batten spacing 350 mm)
Effective area (cladding) of a single sheet	0,805 m²





INVISIBLE TO THE EYE

Modular steel roof tiles and ZET®Look mean the highest aesthetics without any compromise. A distinguishing feature of this roofing is elimination of visible screws on the roof surface and thus their harmony is not disturbed by any fastener or installation hole. The installation system, designed in cooperation with roofing experts, is very simple despite its technological complexity.



Modular steel roof tiles ZET®



The main advantages of the ZET® modular tiles are:

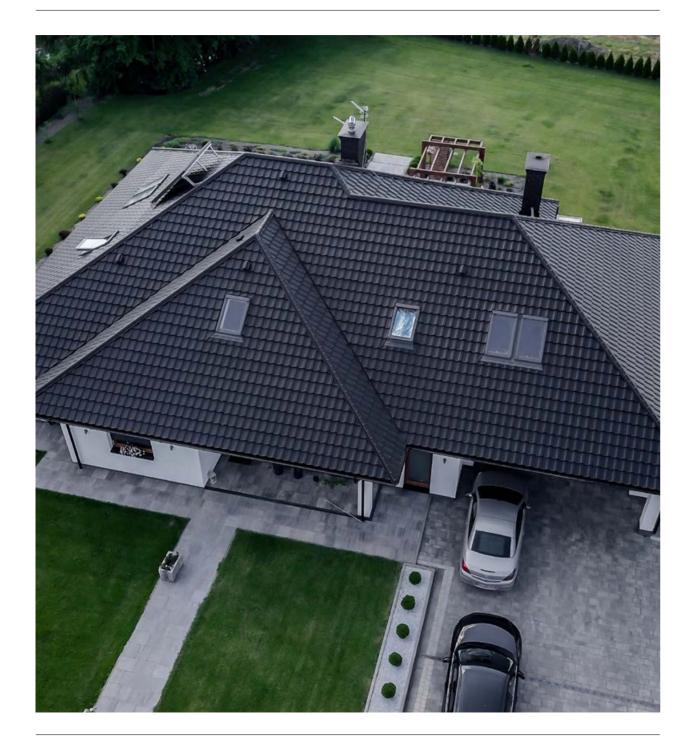
- "Z" type ribs making the screws and joints between the sheets become invisible,
- guaranteed colour and structure repeatability,
- precision level never before achieved of every element of roof system thanks to robotic, automated production line,
- availability out of hand and option to make immediate dispatch to any location,
- professional product packing and protection reducing the risk of damage during loading, transport and unloading,

- cutting edge protection unavailable for traditional steel tiles against corrosion thanks to the "Z"-type ribbing (patent protected),
- reduction of average use of screws. "Z"-type ribbing operates as a zipper, eliminating the needs of folding sheets in this place,
- unlimited freedom in forming coverings and reduction of material waste to a minimum thanks to symmetricalness of a module,

 dedicated processing and INGURI[®] gutter system complementing perfect roof system.



Modular steel roof tiles ZET®







ADVANTAGES DF MODULAR STEEL ROOFTLES

32 STOPPING THE CLOCK
34 IN CAPABLE HANDS
36 PROTECTS WHILE BEING PROTECTED
38 TOP LEVEL

STOPPING THE CLOCK

For the purposes of our roofing. in close cooperation with the best metalworks, accessories, guaranteed match of coating colour we have developed special charge material. We paid particular attention to key properties which determine the quality and durability of such roof coverings. Our tin sheets ensure very high consistency of coating colour and structure and display above average durability and anti-corrosion properties. This means that we can confidently offer long-term warranties, without the need to purchase additional elements which is often the case with our competitors' products. Excellent resistance to abrasion, mechanical damage and sun radiation means that even after years of usage, the roofing looks fresh and elegant.

Modular steel roof tiles IZI® and ZET® coated with HERCULIT® coating provide: 55-year guarantee without the need to purchase additional accessories, unique resistance to mechanical damage and scratching, guaranteed conformity of colour and coating structure, thick organic coating (35 µm), perfect resistance to corrosion and discolouring caused by sunlight, thickness of the protective zinc layer 275 g/m², and high aesthetics due to satin, semi-matt structure. These features make this coating one of a kind on the market.

MAT 35 Standard coating provide: 30-year

guarantee without the need to purchase additional and structure, thick organic coating (35µm), high resistance to corrosion and discolouring caused by sunlight, perfect quality/price ratio, high resistance to scratching and abrasion, thickness of the protective zinc layer 275g/m², and exceptional aesthetics due to grainy structure of the matt coating.

The warranty becomes valid after online registration on www.warranty.bp2.eu. Specific warranty terms and conditions are stated in the

warranty card.



- Long-term warranty without the need to purchase additional elements,
- high corrosion resistance,
- Modular roofing tiles IZI® and ZET® coated with high resistance to UV radiation, scratches and abrasion.





IZI® & ZET® - MAT 35 Standard

IN CAPABLE HANDS

Using the latest technological solutions enables the production of roof coverings which meet the highest quality requirements.

Robotizing and automation of the line for production of modular roofing tile and accessories as well as palletizing station ensure attaining very high precision and repeatability of workmanship. As a result, when purchasing the IZI® and ZET® you can be certain that individual elements will match perfectly, creating a consistent structure on the roof's surface.

- Precision and process repetitiveness,
- higher production line efficiency,
- very high repetitiveness of product parameters.



PROTECTS WHILE BEING PROTECTED

The use of the 'Z' type rib in the structure of steel roof coverings may be regarded as ground-breaking. This technology, which is protected by law offers a number of advantages:

PRACTICAL

The 'Z' type rib assumes a lock function when the sheets are folded. The screws which are required to join the sheets in our competitors' products are made unnecessary.

AESTHETICS

- High aesthetics of the roofing is ensured by: - lack of screws on embossed surfaces and less number of screws on the roof surface (IZI®Roof / ZET®Roof)
- complete elimination of visible screws on the roof surface (IZI®Look ZET®Look)
- hidden joints on connections of three sheetsdeep shadows created by "Z" type
- embossing, conferring distinct character to the roofing, close in appearance to traditional ceramic roofing tile.

SAFETY

Dribbling water by-passes horizontal joints of sheets and cut edges, reducing the risk of corrosion in these locations. Modular metal roofing tiles IZI® and ZET® are not susceptible to drying of rafter framing, and the "Z" type lock construction enables microventilation of the roofing.

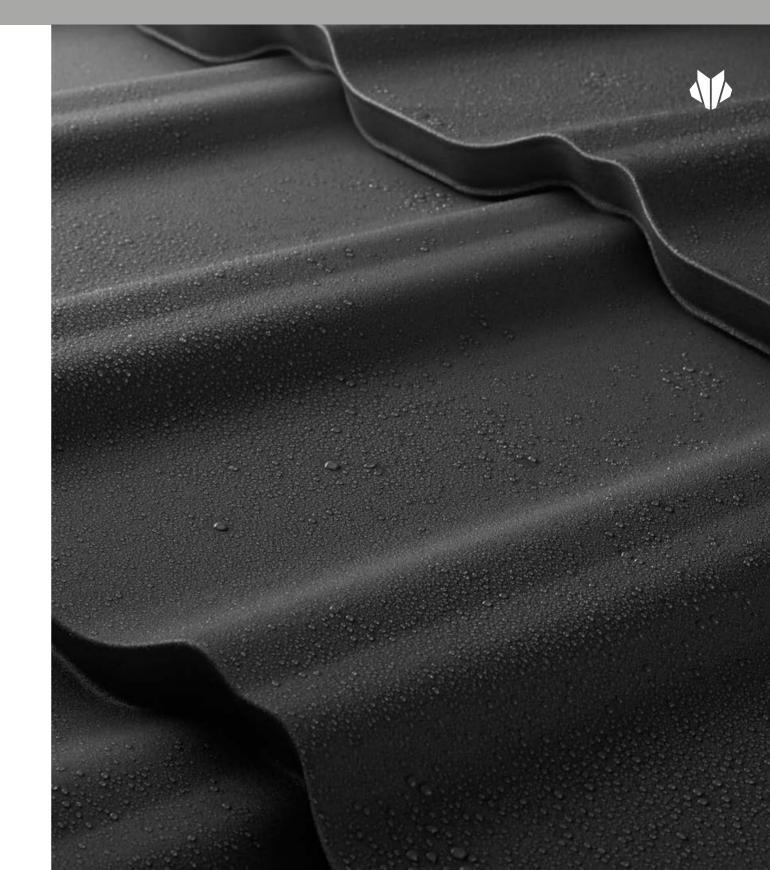
- Precision and safety:
- the 'Z' lock technology
- protected by law,no screws where sheets
- are joined, • quick and safe assembly
- safety no contact, between cut edges and water.



The utility model of IZI® modular sheet tin roof tiles is subject to protection by the Patent Office of the Republic of Poland (no. 65339) and is registered with the European Union Intellectual Property Office (EUIPO) as Registered Community Design (RCD) no. 006202198-0044.



The utility model of ZET® modular sheet tin roof tiles is subject to protection by the Patent Office of the Republic of Poland (no. 65339) and is registered with the European Union Intellectual Property Office (EUIPO) as Registered Community Design (RCD) no. 002992982-0001.



TOP LEVEL

High bay warehouse ensures storage of readymade products completely secured against any potentially detrimental factors, under optimum conditions. Professional warehouse base ensures full availability of product and option of fast delivery to any location in the world.

Availability at hand,

fast delivery to any location.







TECHNICAL INFORMATION

44 COLOURS IZI° & ZET°
45 CHARGE MATERIAL IZI° & ZET°

Technical information

COLOURS IZI® & ZET®

HERCULIT®

Material used for production of modular metal roofing tiles IZI [®] and ZET[®] is a coating developed in close cooperation with leading manufacturer of lacquers for the best ironworks in Europe.

Long-term research of the previously used coatings and monitoring of customer needs, with particular attention to the demands of the roofers, helped us to combine so many different advantages in one product. HERCULIT[®] is a polyurethane-hardened polyester, with great resistance to all kinds of mechanical damage, and a thickness of 35 μ m. Modular metal sheet roofing tiles IZI[®] and ZET[®] made of HERCULIT[®] metal sheets mean 55 years of guarantee. Moreover, they are distinguished by repeatability of colours and coating structure.

MAT 35 Standard

Sheet metal, with both sides coated with 275 g/m² metallic zinc layer, an anticorrosion coating and single-sided with an organic decorative coating. Their advantages include high resistance to mechanical damage and corrosion, excellent formability and high aesthetic qualities.

The metal is coated with a mat organic layer with a gritty texture and a 35 μ m thickness. Available in 4 colours with the option to provide colours from outside of the basic colour chart. **Modular metal sheet roofing tiles IZI®** and **ZET®** made of sheets with **MAT 35 Standard coating are covered by 30-year long guarantee.**



The warranty becomes valid after online registration on www.warranty.bp2.eu. Specific warranty terms and conditions are stated in the warranty card.

purposes only and may

of the coatings themselves.

vary from those



Modular roofing tiles IZI® and ZET® made of sheets in HERCULIT® have colour repeatability guarantee.

Code	Thickness of paint coating	Thickness of galvanized coating	Corrosion (resistance)	UV radiation (resistance)	Warranty period (years)
HERCULIT® [HC]	35 µm	275 g/m²	C4	RUV4	55



in MAT 35 coating Standard have colour repeatability guarantee.

Thickness Thickness of Warranty Corrosion UV radiation Code of paint galvanized period (resistance) (resistance) coating coating (years) **MAT 35** Standard 35 µm 275 g/m² C3 RUV3 30 [TK]

CHARGE MATERIAL IZI® & ZET®

COATED STEEL SHEETS [TK, HC]

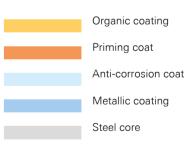
The input material used by us has been specially designed for modular roofing in close co-operation with steelworks. We paid particular attention to key properties which determine the quality and durability of such roof coverings.

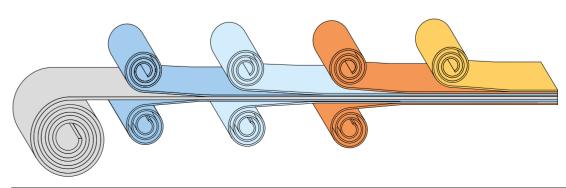
Our tin sheets ensure very high consistency of coating colour and structure and display above average durability and anti-corrosion properties. This means that we can confidently offer long-term warranties, without the need to purchase additional elements which is often

Coated sheet cross-section

the case with our competitors' products. Excellent resistance to abrasion, mechanical damage and sun radiation means that even after years of usage, the roofing looks fresh

Legend



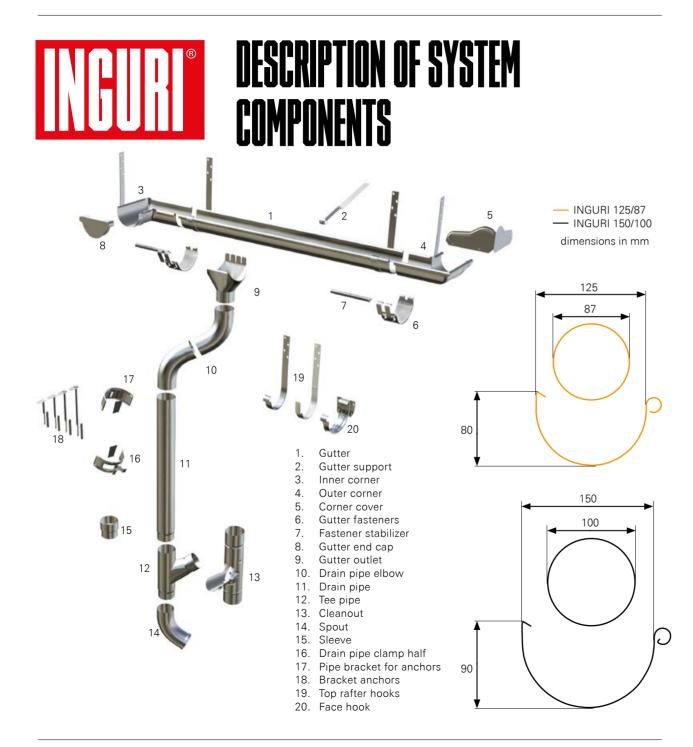


and elegant.



STEEL ROOF GUTTER SYSTEMS

48 INGURI® 49 COLOURS INGURI®





INGURI®

INGURI [®] pipes are manufactured from sheet with hot galvanized feed, which after chemical cleansing and undergoing passivation is coated with anti- corrosion coats and a decorative, organic coat. The sheet is 0,6 mm thick, with the organic CHERRY layer being material of high resistance to atmospheric conditions and mechanical damage, as well as UV radiation that causes color loss.

The INGURI [®] Systems are also manufactured from Aluzinc 185 sheets with additional double-sided polymeric Easyfilm[®] polymeric coating.



GRAPHITE

DARK BROWN





Printing technology does

not have the capability of reproducing coating colours precisely. The colours shown here are intended for the

coatings themselves.

orientation purposes only and may vary from those of the

Specific warranty terms and

conditions are stated in the

WHITE*

BLACK

Code	Thickness of paint coating	Thickness of galvanized coating	Corrosion (resistance)	UV radiation (resistance)	Warranty period (years)
INGURI [PUR/PUR]	50 µm	275 g/m²	C4	RUV3	30

Aluzinc INGURI [AZ 185]

It is a steel sheet double-side coated with

similar to hot dip galvanizing. That way,

It comes with an additional, Easyfilm®

protective polymer coating, which also

the aesthetics of the surface.

it meets the most stringent requirements

regarding the resistance of steel sheets against

atmospheric corrosion and corrosion in humid

protects the steel edges in coils and improves

a zinc-aluminium alloy in a process

environments.



CHOCOLATE

BROWN

ΑZ

Code	Thickness of coating	Corrosion (resistance)	UV radiation (resistance)	Warranty period (years)
Aluzinc [AZ 185]	185 g/m²	С3	n/a.	15

48

FLASHING AND ACCESSORES

52 FLASHING
54 UNIVERSAL VENTILATION FLASHING
56 ACCESSORIES
56 ROOF COMMUNICATION SYSTEM
57 VENTILATION CHIMNEY AND ROOF WINDOWS

FI ASHINGS

We have developed a dedicated system of flashing, especially for the modular metal sheet roofing tiles IZI® and ZET®. In order to provide the maximum compatibility and optimum cooperation of these elements within the structure of the roof, design of flashing takes in to account the shape and width of the roofing wave.

Moreover, application of the same charge material allows for obtaining complete match of colour and surface structure. This system of flashing means perfect functionality and safety providing the best aesthetics of the roofing.

Standard flashings of the following dimensions: 2m long and 0.5mm thick. Nonstandard flashings up to 8mm long and 2mm thick.*

*Does not apply to the bottoms and snow guards.

62 -100

SNOW GUARDS

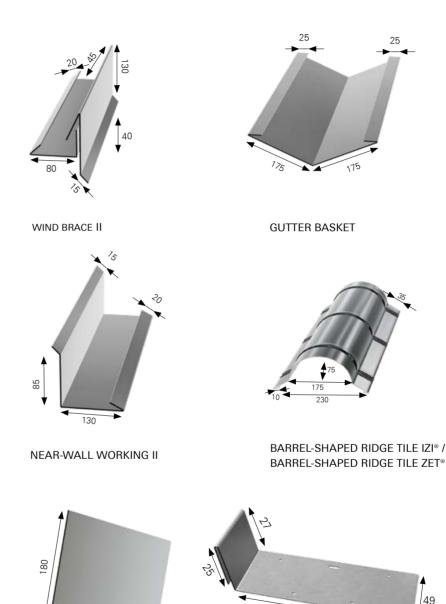
20 UNDER-GUTTER STRIP

180

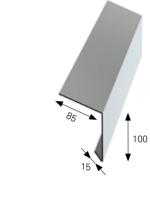
NEAR-WALL WORKING I

120

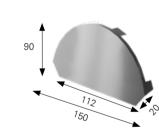
WIND BRACE I



WIND BRACE EXTENSION



OVER-GUTTER STRIP



BOTTOM OF THE BARREL RIDGE TILE



STARTING PROFILE FOR ZET®Look

UNIVERSAL VENTILATION FLASHING / STARTING PROFILE

25

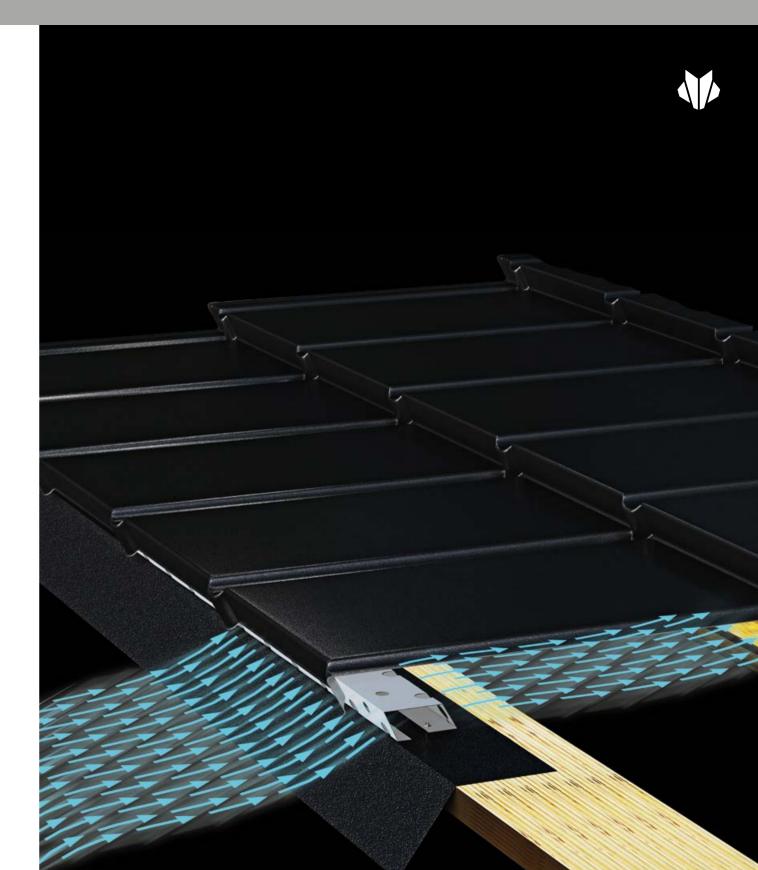
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Flashing and accessories

UNIVERSAL VENTILATION Flashing



Adequate roof ventilation is crucial for the complete functionality of the roofing. This precludes accumulation of condensation in the bottom part of the sheet that adversely affects both the rafter framing and the roofing itself. Universal ventilation flashing is a product that, due to its design, is used as a ventilation flashing for roofings made using modular steel roof tiles IZI® and ZET®, and it also works as the starting profile for them. It allows not only for ventilating the space below the roofing but it also perfectly secures the roof against penetration of small rodents and birds.



Flashing and accessories

Accessories

Accessories are available to complete the BLACHPROFIL 2[®] offer. They enabling a roof or façade to be professionally assembled and protected. We stock products from renowned manufacturers on a permanent basis. Our offer includes:

- tapes (including the expansion tapes),
- seals,
- fastening systems,
- roofwork silicone,
- ventilation chimney,
- leak stoppers,
- sealing tape,
- roof membranes
- TORX screws.

TORX screw made of from low-carbon steel with an EPDM gasket for fixing the sheets to the wooden decking base, dedicated to modular steel sheet roof tiles (MODULAR SERIES) and compact (COMPACT SERIES) roofing tiles. The screw is also designed to connect the sheets together on vertical ribs. The basic benefit is the ergonomic shape of the head because of due to which the screw is less visible and ensure ensures the aesthetic appearance of the whole roof. The screws are available in the following [RAL] colours: 3009, 7016, 7024, 8004, 8017, 9005.





The Blachprofil 2[®] roof communication system is comprised of roof elements which, once installed, facilitate safe access to chimneys, ventilators and antennas. The access is available all year round, even when snow has accumulated on the roof. The BLACHPROFIL 2[®] roof communication system also eliminates the risk of mechanical damage (indenting) to the roofing.

All the elements listed are made of high-grade, galvanised and powdercoated steel. They guarantee a long service life, without the need to repaint or repair corrosion-related defects. They are constructed to bear heavy wind loads. The specially designed ribbed surface eliminates the effects of snow and icing, as well as preventing people moving about on the roof from slipping.

The BLACHPROFIL 2[®] roof communication system is offered in a rich palette of colours, allowing colour synchronisation of the roofing, the chimney-sweeping benches and other structural elements.

Our offer includes: • chimneysweep toe holds • chimneysweep foot-plates • snow guards







Ventilation chimneys and roof windows

Proper roof ventilation is crucial for the draining of excess steam from the building, thus preventing condensation in rooms.

Our offer includes ventilation chimneys and a complete set of accessories, which facilitate an air-tight installation on a roof slope, as well as additional elements: antenna penetrations and ventilators.

Each model of a ventilation chimney has been specifically adapted for installation on a particular type of roofing:

- chimneys of metal sheet modular roofing tiles,
- chimneys of metal sheet compact and traditional roofing tiles,
- chimneys dedicated for flat cladding, box profile sheets and LAMBDA[®] 2.0 roof panels.

The chimneys in our catalogue are also available in the version with additional

insulation that prevents condensation of steam inside a ventilation duct. They are particularly recommended for the ventilating of rooms with high humidity concentrations, such as kitchens, bathrooms or garages.

Installing BLACHPROFIL 2[®] roof windows allows for loft space to be developed, providing its complete illumination. There are BLACHPROFIL 2[®] windows to satisfy our clients' requirements and expectations. regardless of the angle of incline or the distance of the rafters. We also offer special windows for rooms with higher moisture levels and very low angles of incline, as well as electronically-controlled windows. The possibility of rotating the window simplifies the cleaning process, while the appropriate protection of the wood, carried out during the production process, guarantees a long service life, without the need for additional maintenance.







Printing technology does not have the capability of reproducing coating colours precisely. The colours shown here are intended for the orientation purposes only and may vary from those of the coatings themselves.

RAL 8017

Contact

Notes

BLACHPROFIL 2[®] SP. Z O.O.

Manufacturing and Logistics (32-566 Alwernia Grojec, ul. Grojecka 39	Centre
tel. fax e-mail:	+48 12 628 03 00 +48 12 628 03 04 grojec@bp2.pl
Production plant (constructior 41-303 Dąbrowa Górnicza ul. Budowlanych 10	n profiles)
tel. fax	+48 32 213 33 10 +48 32 213 33 60
e-mail:	dabrowa@bp2.pl

www.bp2.eu

S.C. IMPRO[®] S.R.L.

Manufacturing and Logistics Centre Str. Leonardo da Vinci nr 15 Jucu Herghelie, TETAROM III Jud. Cluj

Production plant (sandwich panels)

DDN 59 km 8+550 m stânga, Parcul Industrial INCONTRO 307221 Chişoda, Jud. Timiş.

www.impro.ro

All numerical values and physical and chemical properties of the products included in the catalogue are provided for orientation and visual purposes only. BLACHPROFIL 2® reserves the right to introduce improvements and changes to the technical parameters of the products. The catalogue may include mistakes or errors that occurred during editing and printing.

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You (Tube) bit.do/blachprofil



30-527 Kraków, ul. Nadwiślańska 11/139 NIP: 6762431701, Regon: 121387608