

RESIDENTIAL CATALOGUE

METAL ROOFING

- Metallic Tile
- Folded Metal Sheet
- Corrugated Steel Sheet
- Metal Fence Slats
- Rainwater System
- Metallic Tile Accessories
- Retro Panel Accessories
- Anti-Condensation Foil

ABOUT THE COMPANY

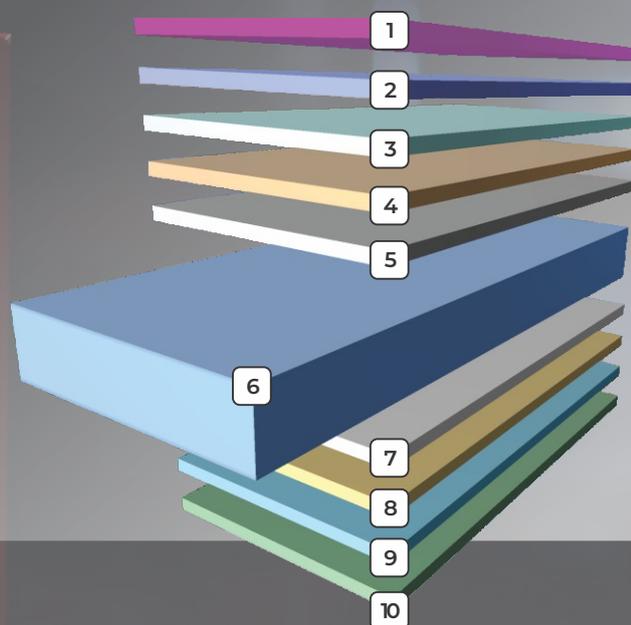
BILKA is a 100% Romanian company specialized in the production and development of complete roof systems (metal roofing, rain water systems and accessories) for residential and industrial buildings. 1 of 4 roofs sold in Romania is a BILKA roof.

BILKA factory is located in Brasov and was founded in 2007. Currently, the production and storage halls cover an area of 14 ha.

In 13 years of activity BILKA has covered over 337,000 buildings.

The production lines are fully automated, relying on state-of-the art technologies.

MATERIAL COMPOSITION - LAYER SYSTEM:



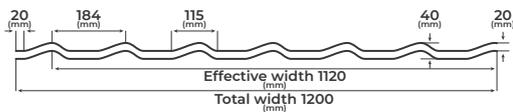
MATERIAL COMPOSITION - LAYER SYSTEM: MATTE

- 1 - PVC protective film: thickness 50 - 200 μm (application according to the order)
 - 2 - surface varnish: polyester (PE) 35 μm *
 - 3 - surface varnish: polyester (PE), GrandeMat finish 50 μm
 - 4 - base layer: polyester (PE) min. 5 μm
 - 4/8 - passivation layer
 - 5/7 - zinc coating: 225 - 275 g/m^2
 - 6 - steel sheet
 - 9 - base layer: polyester (PE) min. 7 μm
 - 10 - anti-condensation layer (application according to the order)
- * upon request, the paint layer can be of 200 μm , with a delivery deadline of maximum 60 days

MATERIAL COMPOSITION - LAYER SYSTEM: GLOSSY

- 1 - PVC protective film: thickness 50 - 200 μm (application according to the order)
- 2 - surface varnish: polyester (PE) 25 μm
- 3 - base layer: polyester (PE) min. 5 μm
- 4/8 - passivation layer
- 5/7 - zinc coating: 225 - 275 g/m^2
- 6 - steel sheet
- 9 - base layer: polyester (PE) min. 7 μm
- 10 - anti-condensation layer (application according to the order)

BILKA CLASIC



The CLASIC metallic tile is profiled in steel with a thickness between 0.40 and 0.60 mm, zinc-coated (Z225-Z275), covered with a layer of glossy or matte paint. This type of metal roofing is the most widely used, it is similar to classical tiles, and is used especially in residential buildings.

“ The CLASIC metallic tile is produced in a wide range of glossy and matte color shades.

Metal roofing panels are available in lengths between 500 mm and 7000 mm. For very long roof slopes, where the covering with a single tile panel is not recommended, two or more metal roofing panels must be used. This requires the calculation of the bottom panels as a multiple of tiles, taking into account the technical overlap of 150 mm.

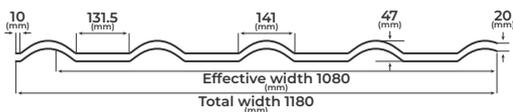
TECHNICAL CHARACTERISTICS	Material	Steel sheet zinc-plated on both sides and protected with a polyester coating
	Standard thickness	0,40 mm - 0,60 mm
	Total width	1200 mm
	Usable width	1120 mm
	Module height	20 mm
	Total height	40 mm
	Weight per area	3 - 5 Kg / m ²
	Warranty for glossy finishing	10-year warranty for color characteristics and corrosion
	Warranty for matte finishing	15-year warranty for color characteristics and corrosion
	Warranty for GrandeMat finishing	30-year warranty for color characteristics and corrosion
Estimated life cycle	60-year lifespan, resistance to temperature changes	

COLOR RANGE

RAL 3000 candy apple red	RAL 3005 cherry red	RAL 3009 brownish red	RAL 3011 red	RAL 5010 blue	RAL 6005 green	RAL 7024 grey
RAL 8003 brass	RAL 8004 brick-red	RAL 8017 chocolate brown	RAL 9002 white	RAL 9005 black	RAL 9006 silver	

RAL 3005 GrandeMat cherry red	RAL 3009 GrandeMat brownish red	RAL 6020 GrandeMat green	RAL 7024 GrandeMat grey	RAL 3005 GrandeMat red	RAL 3011 GrandeMat red	RAL 6005 GrandeMat green	RAL 7024 GrandeMat grey
RAL 8004 GrandeMat brick-red	RAL 8017 GrandeMat chocolate brown	RAL 8019 GrandeMat dark brown	RAL 9005 GrandeMat black	RAL 8004 GrandeMat brick-red	RAL 8017 GrandeMat chocolate brown	RAL 8019 GrandeMat dark brown	RAL 9005 GrandeMat black

BILKA BALCANIC



The BALCANIC metallic tile is profiled in steel with a thickness between 0.45 and 0.60 mm, zinc-coated (Z225-Z275), covered with a layer of glossy or matte paint.

“ The BALCANIC metallic tile is produced in a wide range of color shades.

It is an elegant and durable product, a fine blend of traditional and modern appearance, manufactured with state-of-the-art equipment. This type of cover is mainly used in building refurbishment, providing an elegant conservation aspect.

An old building or a heritage building, once covered with this type of tile is protected against weather conditions, while highlighting its architectural beauty. The BALCANIC metal tile can be delivered with lengths between 500 mm and 7000 mm.

TECHNICAL CHARACTERISTICS	Material	Steel sheet zinc-plated on both sides and protected with a polyester coating
	Standard thickness	0,45 mm - 0,60 mm
	Total width	1180 mm
	Usable width	1080 mm
	Module height	20 mm
	Total height	47 mm
	Weight per area	3 - 5 Kg / m ²
	Warranty for glossy finishing	10-year warranty for color characteristics and corrosion
	Warranty for matte finishing	15-year warranty for color characteristics and corrosion
	Warranty for GrandeMat finishing	30-year warranty for color characteristics and corrosion
Estimated life cycle	60-year lifespan, resistance to temperature changes	

COLOR RANGE

Glossy shades

RAL 3000 candy apple red	RAL 3005 cherry red	RAL 3009 brownish red	RAL 3011 red	RAL 5010 blue	RAL 6005 green	RAL 7024 grey
RAL 8003 brass	RAL 8004 brick-red	RAL 8017 chocolate brown	RAL 9002 white	RAL 9005 black	RAL 9006 silver	

Matte shades

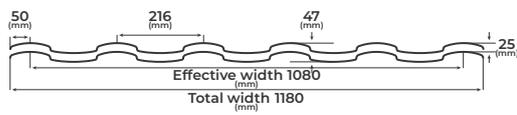
RAL 3005 GrandeMat cherry red	RAL 3009 GrandeMat brownish red	RAL 6020 GrandeMat green	RAL 7024 GrandeMat grey	RAL 3005 GrandeMat red	RAL 3011 GrandeMat red	RAL 6005 GrandeMat green	RAL 7024 GrandeMat grey
RAL 8004 GrandeMat brick-red	RAL 8017 GrandeMat chocolate brown	RAL 8019 GrandeMat dark brown	RAL 9005 GrandeMat black	RAL 8004 GrandeMat brick-red	RAL 8017 GrandeMat chocolate brown	RAL 8019 GrandeMat dark brown	RAL 9005 GrandeMat black

GrandeMat shades

RAL 3005 GrandeMat red	RAL 3011 GrandeMat red	RAL 6005 GrandeMat green	RAL 7024 GrandeMat grey	RAL 3005 GrandeMat red	RAL 3011 GrandeMat red	RAL 6005 GrandeMat green	RAL 7024 GrandeMat grey
RAL 8004 GrandeMat brick-red	RAL 8017 GrandeMat chocolate brown	RAL 8019 GrandeMat dark brown	RAL 9005 GrandeMat black	RAL 8004 GrandeMat brick-red	RAL 8017 GrandeMat chocolate brown	RAL 8019 GrandeMat dark brown	RAL 9005 GrandeMat black

*Color shades may differ from the real ones. In order to be sure, do not hesitate to ask the color chart from the BILKA representative.

BILKA IBERIC



The IBERIC metallic tile is profiled in steel with a thickness between 0.45 and 0.60 mm, zinc-coated (Z225-Z275), covered with a layer of glossy or matte paint. The IBERIC metal tile can be delivered with lengths between 500 mm and 7000 mm.

“ The IBERIC metallic tile is produced in a wide range of color shades.

The main features of this product are the profile height which provides the perfect frame for the house, and the innovative joining system, which enables the tile modules to overlap on both sides, thus making the assembly process extremely easy and significantly reducing the assembly costs.

TECHNICAL CHARACTERISTICS	
Material	Steel sheet zinc-plated on both sides and protected with a polyester coating
Standard thickness	0,45 mm - 0,60 mm
Total width	1180 mm
Usable width	1080 mm
Module height	25 mm
Total height	47 mm
Weight per area	4 - 5 Kg / m ²
Warranty for glossy finishing	10-year warranty for color characteristics and corrosion
Warranty for matte finishing	15-year warranty for color characteristics and corrosion
Warranty for GrandeMat finishing	30-year warranty for color characteristics and corrosion
Estimated life cycle	60-year lifespan, resistance to temperature changes

Color Range

Glossy shades

RAL 3000 candy apple red	RAL 3005 cherry red	RAL 3009 brownish red	RAL 3011 red	RAL 5010 blue	RAL 6005 green	RAL 7024 grey
RAL 8003 brass	RAL 8004 brick-red	RAL 8017 chocolate brown	RAL 9002 white	RAL 9005 black	RAL 9006 silver	

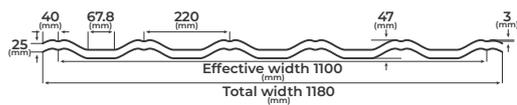
Matte shades

RAL 3005 cherry red	RAL 3009 brownish red	RAL 6020 green	RAL 7024 grey
RAL 8004 brick-red	RAL 8017 chocolate brown	RAL 8019 dark brown	RAL 9005 black

GrandeMat shades

RAL 3005 GrandeMat	RAL 3011 GrandeMat	RAL 6005 GrandeMat	RAL 7024 GrandeMat
RAL 8004 GrandeMat	RAL 8017 GrandeMat	RAL 8019 GrandeMat	RAL 9005 GrandeMat

BILKA GOTIC



The GOTIC metallic tile is profiled in steel with a thickness between 0.45 and 0.60 mm, zinc-coated (Z225-Z275), covered with a layer of glossy or matte paint. The GOTIC metal tile can be delivered with lengths between 500 mm and 7000 mm.

“ The GOTIC metallic tile is produced in a wide range of color shades.

As a result each building will find the perfect roof. GOTIC is the ideal solution for a roof with modern shapes and materials, yet in line with the community traits.

TECHNICAL CHARACTERISTICS	
Material	Steel sheet zinc-plated on both sides and protected with a polyester coating
Standard thickness	0,45 mm - 0,60 mm
Total width	1180 mm
Usable width	1100 mm
Module height	25 mm
Total height	47 mm
Weight per area	4 - 5 Kg / m ²
Warranty for glossy finishing	10-year warranty for color characteristics and corrosion
Warranty for matte finishing	15-year warranty for color characteristics and corrosion
Warranty for GrandeMat finishing	30-year warranty for color characteristics and corrosion
Estimated life cycle	60-year lifespan, resistance to temperature changes

Color Range

Glossy shades

RAL 3000 candy apple red	RAL 3005 cherry red	RAL 3009 brownish red	RAL 3011 red	RAL 5010 blue	RAL 6005 green	RAL 7024 grey
RAL 8003 brass	RAL 8004 brick-red	RAL 8017 chocolate brown	RAL 9002 white	RAL 9005 black	RAL 9006 silver	

Matte shades

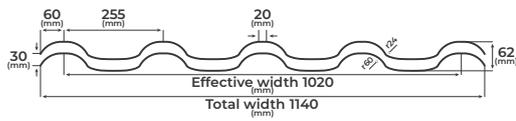
RAL 3005 cherry red	RAL 3009 brownish red	RAL 6020 green	RAL 7024 grey
RAL 8004 brick-red	RAL 8017 chocolate brown	RAL 8019 dark brown	RAL 9005 black

GrandeMat shades

RAL 3005 GrandeMat	RAL 3011 GrandeMat	RAL 6005 GrandeMat	RAL 7024 GrandeMat
RAL 8004 GrandeMat	RAL 8017 GrandeMat	RAL 8019 GrandeMat	RAL 9005 GrandeMat

*Color shades may differ from the real ones. In order to be sure, do not hesitate to ask the color chart from the BILKA representative.

BILKA ROMANIC



The ROMANIC roof tiles are made of zinc-plated (Z225-Z275) shaped steel sheet with thicknesses between 0.50 and 0.60 mm, coated with a single layer of glossy or matte paint. The ROMANIC metallic roof tiles can be delivered with lengths between 500 mm and 7000 mm.

“ The ROMANIC metallic roof tiles are manufactured in a wide range of colour shades.

This is a product that distinguishes itself by its 30 mm high profile. Due to its style and durability, this model can be used for new constructions, but also for historic monuments or Roman style constructions hundreds of years old.

The innovative joining system allows the overlapping of the roof tile modules on both sides, significantly simplifying the installation process and reducing installation costs.

TECHNICAL CHARACTERISTICS	
Material	Steel sheet zinc-plated on both sides and protected with a polyester coating
Standard thickness	0.50 mm - 0.60 mm
Total width	1140 mm
Usable width	1020 mm
Module height	30 mm
Total height	62 mm
Weight per area	4 - 5 Kg / m ²
Warranty for glossy finishing	10-year warranty for color characteristics and corrosion
Warranty for matte finishing	15-year warranty for color characteristics and corrosion
Warranty for GrandeMat finishing	30-year warranty for color characteristics and corrosion
Estimated life cycle	60-year lifespan, resistance to temperature changes

Glossy shades

RAL 3000 candy apple red	RAL 3005 cherry red	RAL 3009 brownish red	RAL 3011 red	RAL 5010 blue	RAL 6005 green	RAL 7024 grey
RAL 8003 brass	RAL 8004 brick-red	RAL 8017 chocolate brown	RAL 9002 white	RAL 9005 black	RAL 9006 silver	

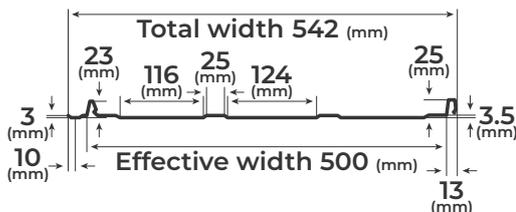
Matte shades

RAL 3005 cherry red	RAL 3009 brownish red	RAL 6020 green	RAL 7024 grey
RAL 8004 brick-red	RAL 8017 chocolate brown	RAL 8019 dark brown	RAL 9005 black

GrandeMat shades

RAL 3005 GrandeMat	RAL 3011 GrandeMat	RAL 6005 GrandeMat	RAL 7024 GrandeMat
RAL 8004 GrandeMat	RAL 8017 GrandeMat	RAL 8019 GrandeMat	RAL 9005 GrandeMat

BILKA RETRO PANEL



Folded sheet roof panels with 'click' joint are a modern roofing solution and a quick and easy alternative to traditional roofs. This type of metal roofing can be chosen to cover rustic houses or ordinary roofed houses, requiring refurbishment, but also for new and modern buildings.

The flexibility of the RETRO PANEL covering allows for the coverage of large slope buildings, ensures coverage of atypical buildings such as heritage buildings, keeping the architectural line of the building.

“ Also, RETRO PANEL can be used to cover office buildings and shopping centers without interfering negatively on the aesthetic aspect of the building.

TECHNICAL CHARACTERISTICS	
Material	Steel sheet zinc-plated on both sides and protected with a polyester coating
Standard thickness	0.45 mm - 0.60 mm
Total width	542 mm
Usable width	500 mm
Corrugation height	25 mm
Weight per area	4 - 5 Kg / m ²
Warranty for glossy finishing	10-year warranty for color characteristics and corrosion
Warranty for matte finishing	15-year warranty for color characteristics and corrosion
Warranty for GrandeMat finishing	30-year warranty for color characteristics and corrosion
Estimated life cycle	60-year lifespan, resistance to temperature changes

Glossy shades

RAL 3000 candy apple red	RAL 3005 cherry red	RAL 3009 brownish red	RAL 3011 red	RAL 5010 blue	RAL 6005 green	RAL 7024 grey
RAL 8003 brass	RAL 8004 brick-red	RAL 8017 chocolate brown	RAL 9002 white	RAL 9005 black	RAL 9006 silver	

Matte shades

RAL 3005 cherry red	RAL 3009 brownish red	RAL 6020 green	RAL 7024 grey
RAL 8004 brick-red	RAL 8017 chocolate brown	RAL 8019 dark brown	RAL 9005 black

GrandeMat shades

RAL 3005 GrandeMat	RAL 3011 GrandeMat	RAL 6005 GrandeMat	RAL 7024 GrandeMat
RAL 8004 GrandeMat	RAL 8017 GrandeMat	RAL 8019 GrandeMat	RAL 9005 GrandeMat

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FOLDED METAL SHEET



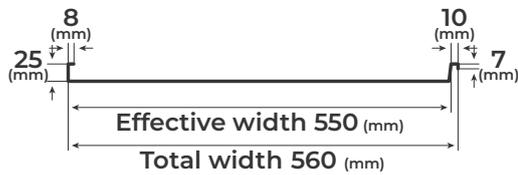
In the field of roofings, the folded sheet metal roof panels are a modern roofing solution and a quick and easy alternative to traditional roofs. The folded sheet metal is suitable for the roofing of normal houses, but also of new and modern buildings. Due to its flexibility, the folded sheet metal roof is also suitable for the roofing of atypical buildings. Furthermore, folded sheet metal roofing can be used for office buildings and shopping centers, without affecting the aesthetics of the building.

The BILKA folded sheet metal is made with a nominal thickness between 0.45 and 0.6 mm, depending on the construction requirements. Panels can be manufactured in custom lengths, and panels with very large lengths can be produced.

“ For very large water lengths the panels are folded on site, with special equipment following the prior consultation of the BILKA technical consultant.

The BILKA folded sheet metal allows a roofing with a minimum slope of 3° and is produced in 12 colours for the PLX special Swedish steel manufactured by SSAB producer.

“ As an alternative DX51D steel sheet can be used, which is available in a wide range of colours, with matte and glossy finishing.



TECHNICAL CHARACTERISTICS	
Standard thickness	0,45 mm - 0,60 mm
Total width	560 mm
Usable width	550 mm
Corrugation height	25 mm
Weight per area	4 - 7 Kg / m ²
Warranty for glossy finishing	10-year warranty for color characteristics and corrosion
Warranty for matte finishing	15-year warranty for color characteristics and corrosion
Warranty for GrandeMat finishing	30-year warranty for color characteristics and corrosion
SSAB finish warranty	30-year warranty for corrosion
	15-year warranty for color
Estimated life cycle	60-year lifespan, resistance to temperature changes

COLOR RANGE

Glossy shades

Matte shades

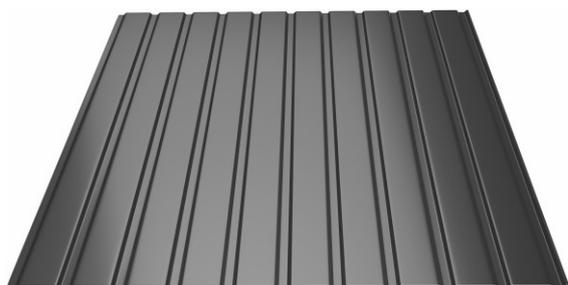
GrandeMat shades

SSAB

*Color shades may differ from the real ones. In order to be sure, do not hesitate to ask the color chart from the BILKA representative.

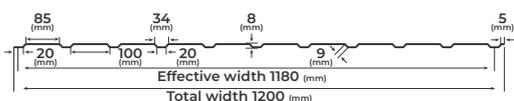


T8 CORRUGATED STEEL SHEET



Corrugated steel sheet T8 is made of steel sheet, galvanized on both sides and protected with polyester. It is used especially for facades, fences or ceilings.

- The BILKA T8 corrugated sheet is manufactured with a nominal thickness between 0.3 - 0.6 mm, depending on the construction requirements;
- The standard length of the panels ranges from 0.500 m to 13.5 m. Panels of different lengths are also possible subject to consultation with the BILKA technical consultant;
- Wide range of matte and glossy colors.



TECHNICAL CHARACTERISTICS	Material	Steel sheet zinc-plated on both sides and protected with a polyester coating
	Standard thickness	0,30 mm - 0,60 mm
	Total width	1200 mm
	Usable width	1180 mm
	Corrugation height	8 mm
	Weight per area	2 - 7 Kg / m ²
	Warranty for glossy finishing	10-year warranty for color characteristics and corrosion
	Warranty for matte finishing	15-year warranty for color characteristics and corrosion
	Warranty for Wood finishing	15-year warranty for color characteristics and corrosion
	Warranty for GrandeMat finishing	30-year warranty for color characteristics and corrosion
Estimated life cycle	60-year lifespan, resistance to temperature changes	

COLOR RANGE

Glossy shades

Matte shades

GrandeMat shades

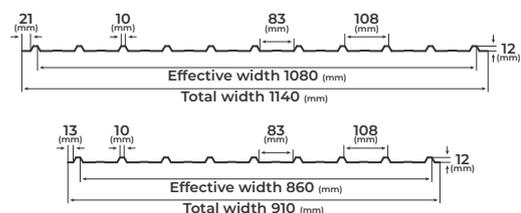
Wood shades

T12 CORRUGATED STEEL SHEET



The T12 corrugated steel sheet is manufactured in steel sheet, zinc-coated on both sides and protected with polyester. It is used for partitioning spaces for constructions, production, warehousing, for decorating interior and exterior ceiling surfaces, for fences, household annexes etc.

- The BILKA T12 corrugated sheet is manufactured with a nominal thickness between 0.3 and 0.7 mm, depending on the construction requirements, the standard length of the panels ranges from 0.500 m to 13.5 m. Panels of different lengths are also possible subject to consultation with the BILKA technical consultant;
- Bilka T12 corrugated steel sheet is profiled in two options: from raw material with a width of 1250 mm and from raw material with a width of 1000 mm.
- Wide range of matte and glossy colours.



TECHNICAL CHARACTERISTICS	Material	Steel sheet zinc-plated on both sides and protected with a polyester coating
	Standard thickness	0,30 mm - 0,70 mm
	Total width	1140 mm / 910 mm
	Usable width	1080 mm / 860 mm
	Corrugation height	12 mm
	Weight per area	2 - 7 Kg / m ²
	Warranty for glossy finishing	10-year warranty for color characteristics and corrosion
	Warranty for matte finishing	15-year warranty for color characteristics and corrosion
	Warranty for Wood finishing	15-year warranty for color characteristics and corrosion
	Warranty for GrandeMat finishing	30-year warranty for color characteristics and corrosion
Estimated life cycle	60-year lifespan, resistance to temperature changes	

COLOR RANGE

Glossy shades

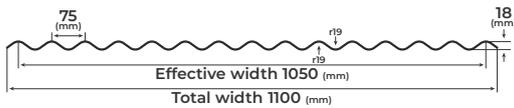
Matte shades

GrandeMat shades

Wood shades

*Color shades may differ from the real ones. In order to be sure, do not hesitate to ask the color chart from the BILKA representative.

S18 SINUS STEEL SHEET



The metal sheet S18 Sinus is made of steel sheet, galvanized on both sides and protected with polyester. It is used for the construction and renovation of civil, industrial and agricultural buildings, both for the roof and interior and exterior walls.

- The BILKA S18 Sinus corrugated sheet is manufactured with a nominal thickness between 0.4 - 0.7 mm, depending on the construction requirements;
- The standard length of the panels ranges from 0.500 m to 13.5 m. Panels of different lengths are also possible subject to consultation with the BILKA technical consultant;
- Wide range of matte and glossy colors.

TECHNICAL CHARACTERISTICS	Material	Steel sheet zinc-plated on both sides and protected with a polyester coating
	Standard thickness	0,40 mm - 0,70 mm
	Total width	1100 mm
	Usable width	1050 mm
	Corrugation height	18 mm
	Weight per area	3 - 7 Kg / m ²
	Warranty for glossy finishing	10-year warranty for color characteristics and corrosion
	Warranty for matte finishing	15-year warranty for color characteristics and corrosion
	Warranty for Wood finishing	15-year warranty for color characteristics and corrosion
	Warranty for GrandeMat finishing	30-year warranty for color characteristics and corrosion
Estimated life cycle	60-year lifespan, resistance to temperature changes	

COLOR RANGE

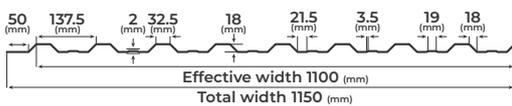
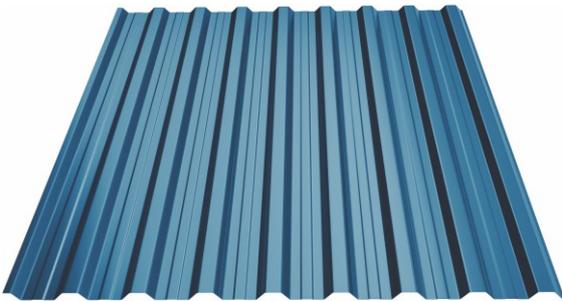
Glossy shades

Matte shades

GrandeMat shades

Wood shades

T18 CORRUGATED STEEL SHEET



The T18 corrugated steel sheet is manufactured in steel sheet, zinc-coated on both sides and protected with polyester. It is used especially for facades, fences, or ceilings, but it can also be mounted on the roof as covering.

- The BILKA T18 corrugated sheet is manufactured with a nominal thickness between 0.4 and 0.7 mm, depending on the construction requirements, the standard length of the panels ranges from 0.500 m to 13.5 m. Panels of different lengths are also possible subject to consultation with the BILKA technical consultant;
- The corrugated sheet is profiled in two variants: with the folds outwards for facades, and with the folds inwards for roofs;
- Wide range of matte and glossy colours.

TECHNICAL CHARACTERISTICS	Material	Steel sheet zinc-plated on both sides and protected with a polyester coating
	Standard thickness	0,40 mm - 0,70 mm
	Total width	1150 mm
	Usable width	1100 mm
	Corrugation height	18 mm
	Weight per area	3 - 7 Kg / m ²
	Warranty for glossy finishing	10-year warranty for color characteristics and corrosion
	Warranty for matte finishing	15-year warranty for color characteristics and corrosion
	Warranty for Wood finishing	15-year warranty for color characteristics and corrosion
	Warranty for GrandeMat finishing	30-year warranty for color characteristics and corrosion
Estimated life cycle	60-year lifespan, resistance to temperature changes	

COLOR RANGE

Glossy shades

Matte shades

GrandeMat shades

Wood shades

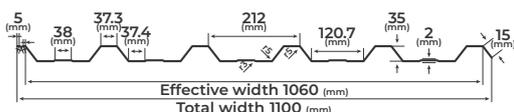
*Color shades may differ from the real ones. In order to be sure, do not hesitate to ask the color chart from the BILKA representative.

T35 CORRUGATED STEEL SHEET



The T35 BILKA corrugated sheet is manufactured in steel sheet, zinc-coated on both sides and protected with polyester. The high quality raw materials allow for the use of the metal sheet in façade covering, especially for commercial and industrial buildings.

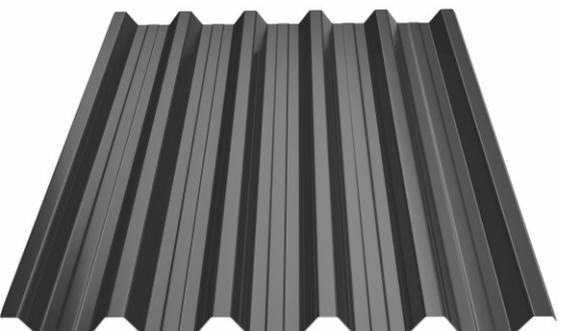
- The BILKA T35 corrugated sheet is made with a nominal thickness between 0.4 and 1.00 mm, depending on the construction requirements;
- The standard length of the panels ranges from 0.500 m to 13.5 m. Panels of different lengths are also possible subject to consultation with the BILKA technical consultant;
- BILKA produces corrugated sheet in a wide range of matte and glossy colors.



TECHNICAL CHARACTERISTICS	Material	Steel sheet zinc-plated on both sides and protected with a polyester coating
	Standard thickness	0,40 mm - 1,00 mm
	Total width	1100 mm
	Usable width	1060 mm
	Corrugation height	35 mm
	Weight per area	3 - 12,5 Kg / m ²
	Warranty for glossy finishing	10-year warranty for color characteristics and corrosion
	Warranty for matte finishing	15-year warranty for color characteristics and corrosion
	Warranty for Wood finishing	15-year warranty for color characteristics and corrosion
	Warranty for GrandeMat finishing	30-year warranty for color characteristics and corrosion
Estimated life cycle	60-year lifespan, resistance to temperature changes	

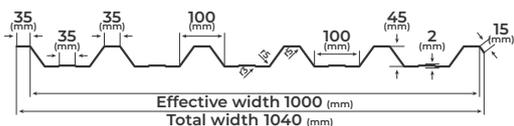
COLOR RANGE	Glossy shades	Matte shades	GrandeMat shades	Wood shades

T45 CORRUGATED STEEL SHEET



The BILKA T45 corrugated sheet is manufactured in steel sheet, zinc-coated on both sides and protected with polyester. It is used for small inclination roofs and within intermediate floors. It is the ideal and economic solution for the construction and rehabilitation of facilities intended for: warehouses, shopping centers, production facilities, farms, silos, stables, sports centers etc.

- The BILKA T45 corrugated sheet is made with a nominal thickness between 0.4 and 1 mm, depending on the construction requirements;
- The standard length of the panels ranges from 0.500 m to 13.5 m; Panels of different lengths are also possible subject to consultation with the BILKA technical consultant;
- BILKA produces corrugated sheet in a wide range of matte and glossy colors.

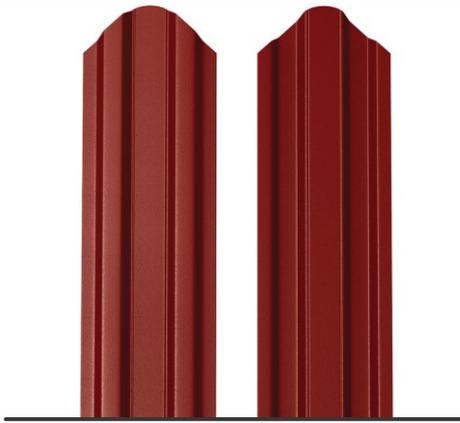


TECHNICAL CHARACTERISTICS	Material	Steel sheet zinc-plated on both sides and protected with a polyester coating
	Standard thickness	0,40 mm - 1,00 mm
	Total width	1040 mm
	Usable width	1000 mm ± 5 mm
	Corrugation height	45 mm
	Weight per area	3 - 12,5 Kg / m ²
	Warranty for glossy finishing	10-year warranty for color characteristics and corrosion
	Warranty for matte finishing	15-year warranty for color characteristics and corrosion
	Warranty for Wood finishing	15-year warranty for color characteristics and corrosion
	Warranty for GrandeMat finishing	30-year warranty for color characteristics and corrosion
Estimated life cycle	60-year lifespan, resistance to temperature changes	

COLOR RANGE	Glossy shades	Matte shades	GrandeMat shades	Wood shades

*Color shades may differ from the real ones. In order to be sure, do not hesitate to ask the color chart from the BILKA representative.

METAL FENCE SLATS

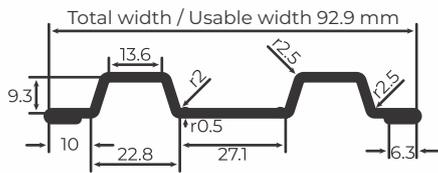


BILKA metal fence slats were designed as a modern alternative to the traditional (wooden) fence slats. BILKA metal fence slats will give your fence a distinct look, and will last for a longer time, without any maintenance concerns, as in the case of wooden slats.

Build your fence with BILKA metal fence slats and you will get the strength and durability of steel, but also the unmatched esthetics offered by a rich range of colors and finishes, regardless of the type of slat you choose: painted on both sides or painted on one side only.

Advantages:

- Lifespan of up to 60 years
- Low maintenance (does not require varnishing or repainting)
- Rebates (increased strength to mechanical strain)
- Easy and quick installation
- Customized lengths may be produced
- Wide range of colors



TECHNICAL CHARACTERISTICS	Nominal thickness	One side painted steel 0,40 mm - 0,60 mm SSAB double-painted steel 0,60 mm Aluzinc 0,50 mm - 0,60 mm
	Total / Usable width	92.9 mm
	Rebate height	9.3 mm
	Production lengths	1,25 m 1,50 m 1,75 m 2,00 m
	Glossy finish warranty	10-year warranty for colour characteristics and corrosion
	Matte finish warranty	15-year warranty for colour characteristics and corrosion
	Wood finish warranty	15-year warranty for colour characteristics and corrosion
	GrandeMat finish warranty	30-year warranty for colour characteristics and corrosion
	SSAB double-painted steel warranty	30 year warranty for corrosion and 15 years for colour
	Aluzinc warranty	25 year warranty for corrosion
Estimated life cycle	60 years, withstands temperature fluctuations	

Glossy shades

Matte shades

GrandeMat shades

Wood shades

SSAB double-painted steel shades

ALUZINC

*Color shades may differ from the real ones. In order to be sure, do not hesitate to ask the color chart from the BILKA representative.



WOODFINISH

by  **BILKA**[®]

The **WOOD finish** is the latest finish in the **BILKA** range, and it is designed to confer the buildings - facades, panellings or fences - style, a wooden effect, but also to ensure color stability, easy installation, minimum maintenance, durability of the steel and a better reaction to fire than wood.

The **WOOD finish** is available in 2 color options, for the corrugated sheet models, with different corrugation sizes, both for the roof and the walls.

Upon request, the **WOOD finish** can be profiled for other models of coverings and accessories.

WOOD Shades

COLOR RANGE



Palisander GOLDEN



Palisander ANTICATO

TECHNICAL CHARACTERISTICS	Material	Steel sheet, galvanized on both sides, protected with polyester
	Nominal thickness	0,45 mm
	Paint coating	35 µm
	Zinc coating	225 g / m ²
	Corrosion resistance	RC3
	UV resistance	RUV4
	Weight per unit area	about 5 Kg/m ²
	Warranty	15-year warranty for color and corrosion
	Expected lifespan	60 years for the roof, resistance to temperature changes



GrandeMat

by  **BILKA**[®]

Discover the premium finish from **BILKA**, with **30 years warranty!**

GrandeMat is the finish from **BILKA** range, providing top performance for a top roof. The elegant and modern appearance combines with the high resistance of steel covered with 50 µm paint, for an excellent product and resistant roof. The product quality will be recognized in time, especially by the 30 years warranty, provided for colour and corrosion characteristics.

The GrandeMat finish is available in 8 colours for the CLASIC, BALKANIC, GOTIC, IBERIC, ROMANIC, RETRO PANEL and folded metal sheet models.

GrandeMat may also be shaped as corrugated sheet with different sizes of the profile and can be used on roofs and walls, as well.

GrandeMat Shades

COLOR RANGE



RAL 3005 GrandeMat



RAL 3011 GrandeMat



RAL 6005 GrandeMat



RAL 7024 GrandeMat



RAL 8004 GrandeMat



RAL 8017 GrandeMat



RAL 8019 GrandeMat



RAL 9005 GrandeMat



TECHNICAL CHARACTERISTICS	Material	Steel sheet zinc-plated on both sides and protected with a polyester coating
	Nominal thickness	0,50 mm
	Paint coating	50 µm
	Zinc coating	275 g / m ²
	Corrosion resistance	RC4
	UV resistance	RUV4
	Weight per unit area	5 Kg / m ²
	Warranty	30-year warranty for color and corrosion characteristics
	Expected lifespan	60 years for the roof, resistance to temperature changes

GUTTER SYSTEM

The BILKA rainwater system is made of hot galvanized steel, with multilayer protection on both sides for a perfect behavior in time.

The element joining system is simple, fast and efficient, does not allow rainwater to pour down the facade or to infiltrate in the house foundation and walls, thus protecting the whole building and ensuring a higher useful life.

The production of the BILKA system elements is based on the Swedish technology, using high-quality Swedish steel (0.6 mm thick), galvanized on both sides (275 g/sqm) and covered with Prelaq Nova (2x50 microns).

- “ The Prelaq Nova layer confers products a special surface smoothness, high color stability and solid resistance to rainwater and atmospheric pollutants.
- “ The five layers building and protecting the metal band ensure that each element is corrosion-proof and provide an extended useful life of such products.
This is why the BILKA system guarantees very long-term resistance, whereby the only maintenance operation required resides in the cleaning of the gutters.



1	2	3	4	5
Steel	Zinc layer	Primer layer	Passivation layer	Prelaq NOVA

Parameter	Value	Standard
Use	Exterior	-
Surface thickness	50 µm / 50 µm	ISO 2808
Surface thickness tolerance	6 µm	EN 10169-1
Varnish	IT (İntunecos) – 2T (strălucitor)	EN 13523-2
Minimum internal bending radius	40	EN 13523-7
Minimum formation temperature	+ 15°C	-
Impact resistance	8	EN 13523-5
Hardness	HB-F	EN 13523-4
Maximum working temperature	+ 100°C	-
UV Category	RUV3	prEN 10169-2
Corrosion resistance category	RC4	prEN 10169-2
Color variation	+ 100°C	-

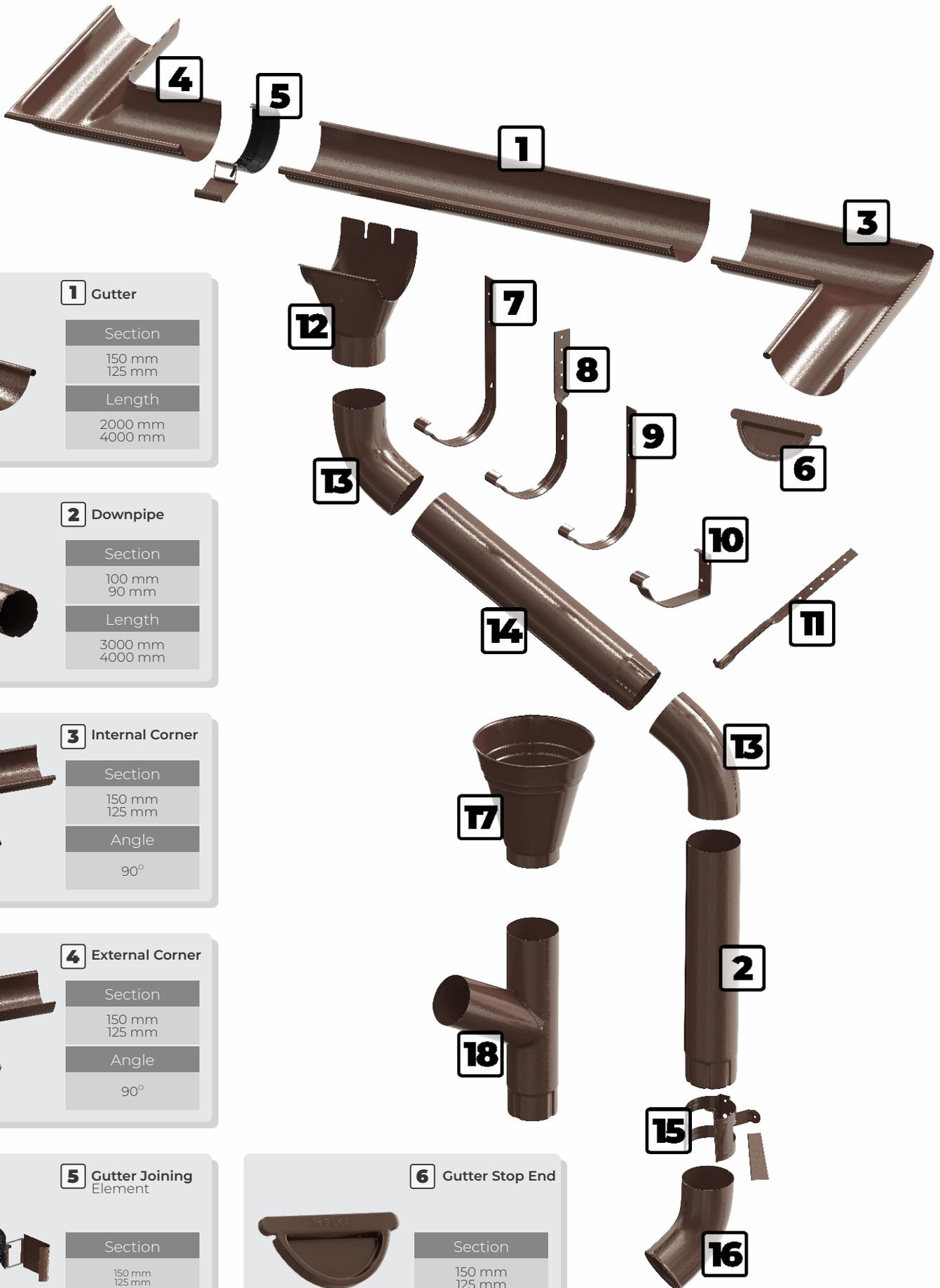


The BILKA rainwater system is available in two dimensional groups, 150/100,125/90 and also in 13 colors.

- “ The size and color options enable the achievement of the most appropriate individual combinations and the matching with the roof color.

*Color shades may differ from the real ones. In order to be sure, do not hesitate to ask the color chart from the BILKA representative.

RAINWATER SYSTEM ELEMENTS



1 Gutter

Section	150 mm 125 mm
Length	2000 mm 4000 mm

2 Downpipe

Section	100 mm 90 mm
Length	3000 mm 4000 mm

3 Internal Corner

Section	150 mm 125 mm
Angle	90°

4 External Corner

Section	150 mm 125 mm
Angle	90°

5 Gutter Joining Element

Section	150 mm 125 mm
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6 Gutter Stop End

Section	150 mm 125 mm
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7 Gutter Hook 210

Section
150 mm 125 mm
Length
210 mm



8 Twisted Hook

Section
150 mm 125 mm



9 Gutter Hook 160

Section
150 mm 125 mm
Length
160 mm



10 Combi Hook

Section
150 mm 125 mm



11 Gutter Flange

Section
150 mm 125 mm
Length
210 mm



12 Running Outlet

Section
150 / 100 mm 125 / 90 mm



13 60° Elbow

Section
100 mm 90 mm



14 Downpipe Connector

Section
100 mm 90 mm
Length
1000 mm



15 Downpipe Clamps

Section
100 mm 90 mm



16 Discharge Elbow

Section
100 mm 90 mm



17 Funnel

Section
100 mm 90 mm



18 Branch Pipe

Section
100 mm 90 mm



The rainwater system referred to as controlled discharge stormwater system from the roof or rainwater collection and drainage system, as the name implies, is designed to take water from the roof and direct it to the sewer system.

“ BILKA rainwater system is made of hot galvanized steel and protected on both sides with multilayers for a perfect behavior in time.

The mix of elements is simple, fast and efficient, does not allow water to run off the facade or infiltration in the foundation and walls of the house, thus protecting the whole building ensuring a higher lifetime.

METALLIC TILE ACCESSORIES

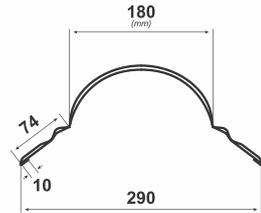


1

Large Semicircular Ridge

LARGE SEMICIRCULAR RIDGE

It closes the roof to the top at the intersection of two slopes, acting as a shield against seepage.

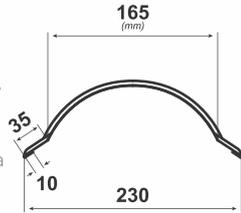


2

Small Semicircular Ridge

SMALL SEMICIRCULAR RIDGE

The alternative for the large ridge, it closes the roof to the top at the intersection of two slopes, acting as a shield against seepage.



3

Ridge Closure

RIDGE CLOSURE

It seals and at the same time prevents the birds' access.



4

Ridge Cap

RIDGE CAP

It seals and at the same time prevents the birds' access.

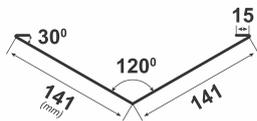


5

Valley

VALLEY

It is mounted under the cover at the junction of two slopes and it directs the water towards the rainwater system.

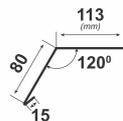


6

Rain Shadow Border

RAIN SHADOW BORDER

It connects to the drainage system allowing water to drain from the cover to the gutter.



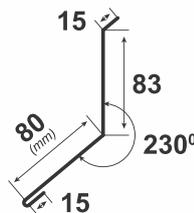
7

Wall Border

WALL BORDER

It is used at the intersection of the slopes with fire walls, dividing walls.

It prevents water to seep on the wall.



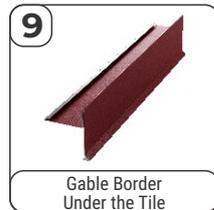
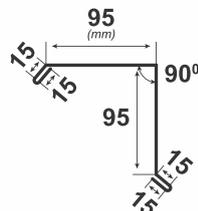
8

Gable Border

GABLE BORDER

It closes the sides of the roof covering the roof structure edges.

It is assembled over the fascia board, after the fastening of the tile plates.

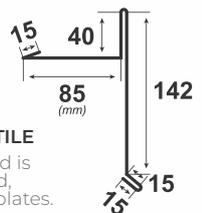


9

Gable Border Under the Tile

GABLE BORDER UNDER THE TILE

It closes the sides of the roof and is assembled over the fascia board, before the fastening of the tile plates.

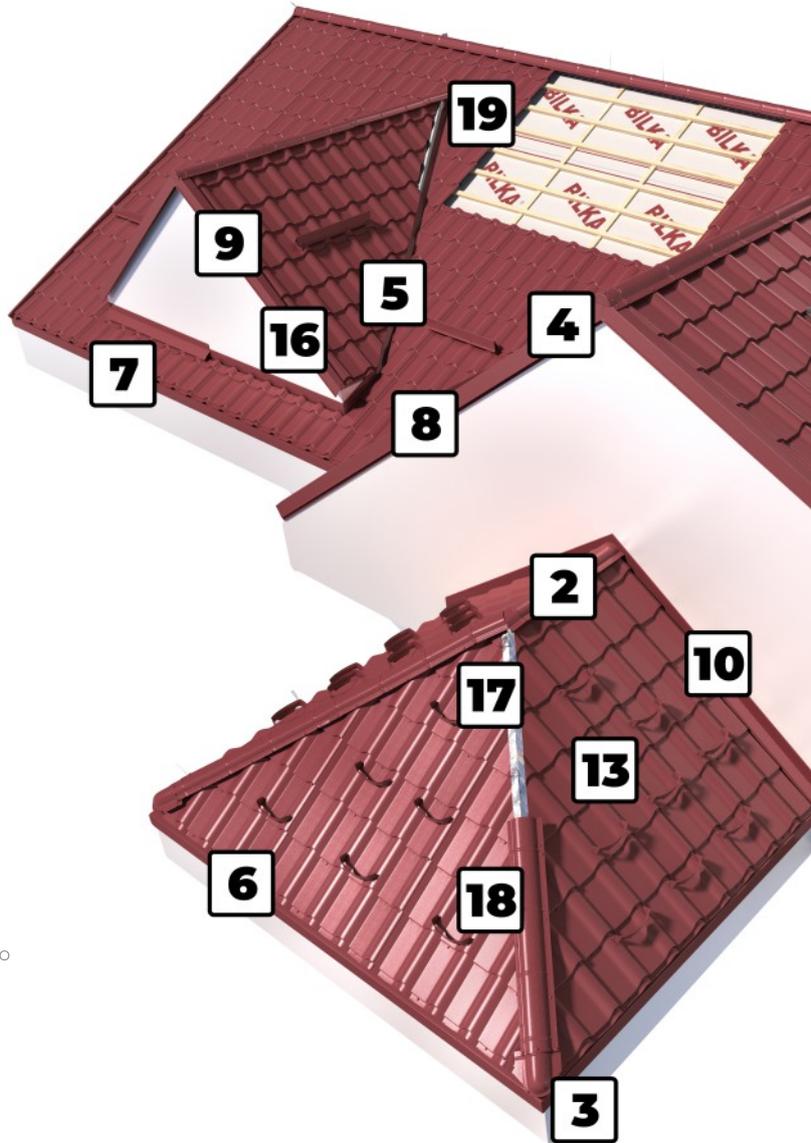
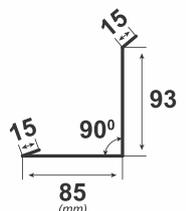


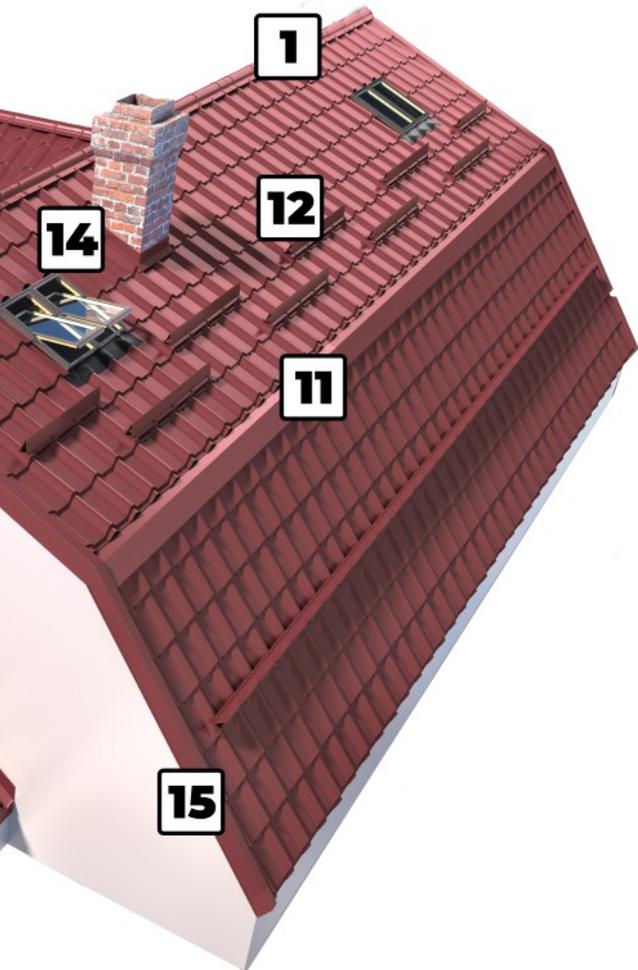
10

Fastening Plates Onto the Wall

FASTENING PLATES ONTO THE WALL

It is used at the intersection of one slope with a wall and prevents water to seep on the wall.





BITUMEN TAPE

Flexible self adhesive waterproofing tape, recommended for insulation and anti-moisture protection.

Bitumen Tape



UNIVERSAL SEALING TAPE

It is used on the valley and under the ridge. It has a sealing role.

Universal Sealing Tape



WOODSCREW

It fastens the sheet plates and accessories on the wood lath.

Woodscrew

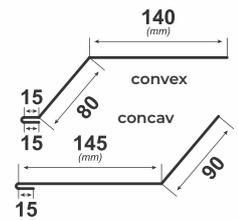


11

Slope Breaking

SLOPE BREAKING

It is used in areas where roof slopes change their pitch.

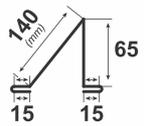


12

Snow Stopper

SNOW STOPPER

It is assembled on the cover and prevents snow slides off the roof.

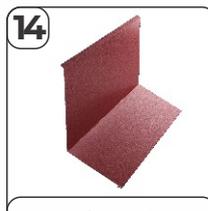


13

Omega Snow Stoppers

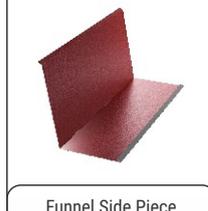
OMEGA SNOW STOPPERS

It is an alternative to conventional snow stoppers.



14

Funnel Front Piece



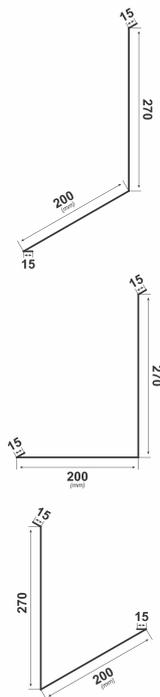
Funnel Side Piece



Funnel Rear Piece

FUNNEL SET

It is mounted at the base of the funnel and it prevents water to seep in along the funnel walls.

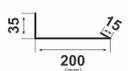


15

Under Gable Flashing

UNDER GABLE FLASHING

This element is used to prevent water infiltration if the eaves are not positioned at right angles to the gable line.

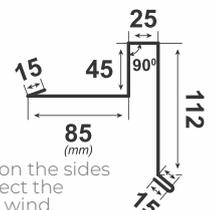


16

Verge Trim

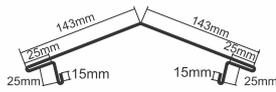
VERGE TRIM

Verge trims are mounted on the sides of the roof in order to protect the structure against rain and wind.



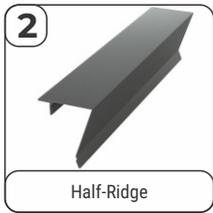
* Any other sheet-metal works are available upon request. For details, please do not hesitate to contact your BILKA representative.

RETRO PANEL ACCESSORIES



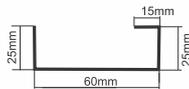
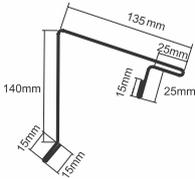
ANGULAR RIDGE

It closes the roof to the top at the intersection of two slopes, acting as a shield against seepage.



HALF-RIDGE

It closes the roof at the top and prevents seepage under the cover. It is used for one slope roofs.



RIDGE SUPPORT

It is mounted under the angular ridge in order to facilitate and mask the ridge fastening points.



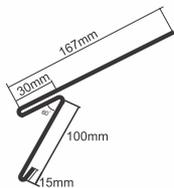
VALLEY

It is mounted under the cover at the junction of two slopes and it directs the water towards the rainwater system.



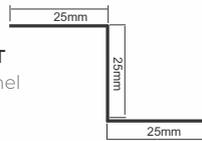
LARGE RAIN SHADOW BORDER

It connects to the drainage system allowing water to drain from the cover to the gutter.



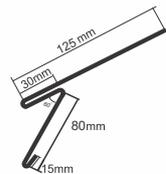
BIG OVERLAPPING ELEMENT

It is used to join two Retro Panel sheets.



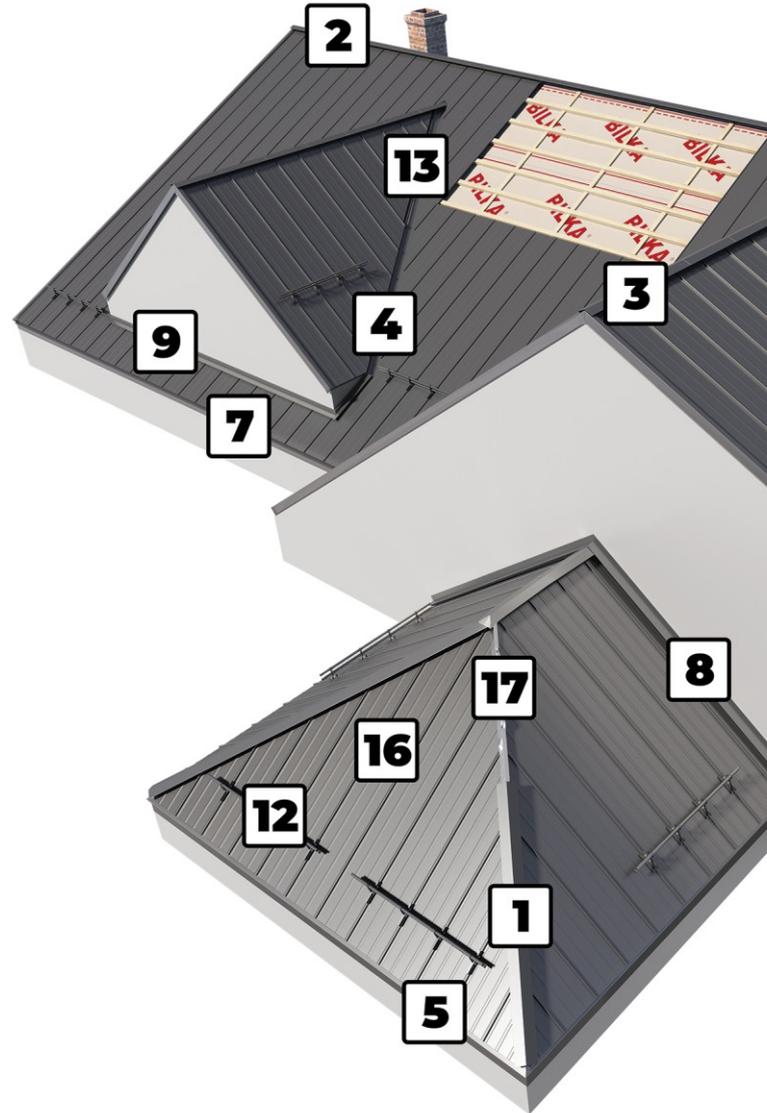
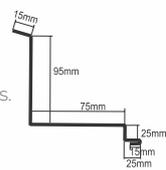
SMALL RAIN SHADOW BORDER

It connects to the drainage system allowing water to drain from the cover to the gutter.



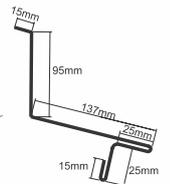
SIDEWALL BORDER

It is used at the intersection of the slopes with fire walls, dividing walls. It prevents water to seep on the wall.



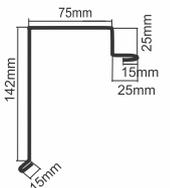
HORIZONTAL WALL BORDER

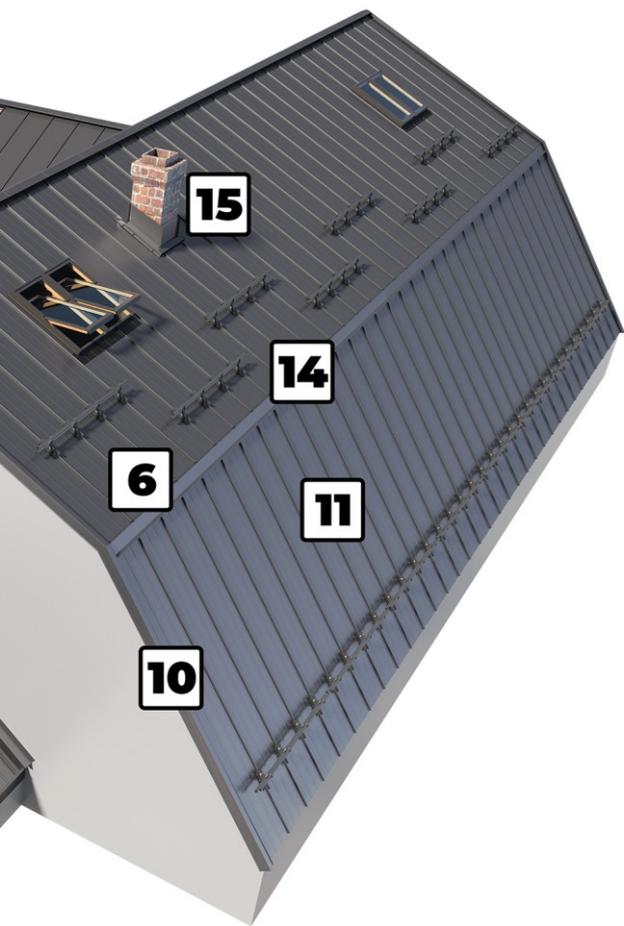
It is used at the intersection of the slopes with fire walls, dividing walls. It prevents water to seep on the wall.



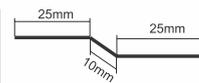
GABLE BORDER

It closes the sides of the roof covering the roof structure edges. It is assembled over the fascia board, after the fastening of the tile plates.





Overlapping Element



OVERLAPPING ELEMENT

It is used to join two Retro Panel sheets if the roof is longer and requires the use of two panels.



Snow Stopper

SNOW STOPPER

It is assembled on the cover and prevents snow slides off the roof.



Universal Sealing Tape

UNIVERSAL SEALING TAPE

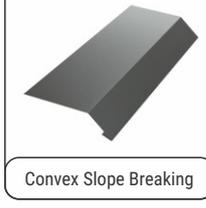
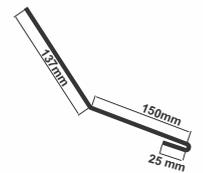
It is used on the valley and under the ridge. It has a sealing role.



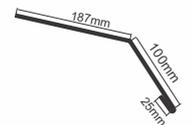
Concave Slope Breaking

CONCAVE AND CONVEX SLOPE BREAKING

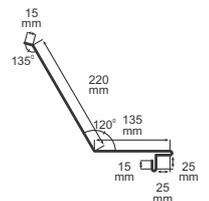
It is used in areas where roof slopes change their pitch.



Convex Slope Breaking



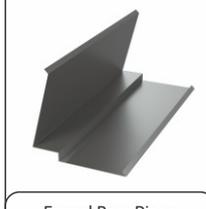
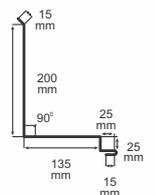
Funnel Front Piece



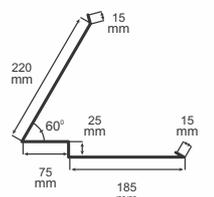
Funnel Side Piece

FUNNEL SET

It is mounted at the base of the funnel and it prevents water to seep in along the funnel walls.



Funnel Rear Piece

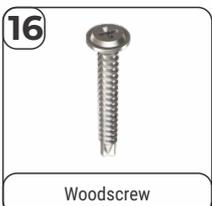


15

BUTYL TAPE

Flexible self adhesive waterproofing tape, recommended for insulation and anti-moisture protection.

Butyl Tape



16

WOODSCREW

It fastens the sheet plates and accessories on the wood lath.

Woodscrew

* Any other sheet-metal works are available upon request. For details, please do not hesitate to contact your BILKA representative.

ANTI-CONDENSATION FOIL

The anti-condensation foil lets vapors out but does not let moisture in, thanks to its two sides that provide additional protection for the roof. An anti-condensation foil protects the roof boarding, rafters and the thermal insulation material against possible water seepage that could get under the cover and facilitates the guiding of such seepage towards the gutters.

“ Likewise, a well-mounted anti-condensation film offers additional protection against dust.

This way, you will be protected against respiratory problems that could occur in its absence, from asthma to different types of allergies.

Depending on the roof type and the specialist's recommendation, you can choose from six BILKA foil types:

BILKA 95 g foil

Diffusion roof foil, in the economic category, three layered: one special diffusion membrane between two layers of polypropylene. No need for ventilation layer between the foil and the thermal insulation.

TECHNICAL CHARACTERISTICS	Specific Weight	Tensile Strength	Waterproofing Degree
	95 g/m ²	170 N/5cm / 100 N/5cm	W1, Sd 0.05m

BILKA 120 g foil

It is a diffusion foil under the covering for a simple ventilated roof. It is assembled freely hanging, directly on the rafters or on the roof boarding in roofs with a slope above 25 degrees, for normal thermal loads.

TECHNICAL CHARACTERISTICS	Specific Weight	Material	Tensile Strength	Temperature Resistance	Waterproofing Degree
	120 g/m ² ± 10%	Three-Layer Diffusion Foil	190 N/5cm (±20%) / 160 N/5cm (±20%)	+70°C	W1, Sd 0.05 (±) 0.015m

BILKA 140 g foil

Modern diffusion foil under the covering, preventing the most frequent execution errors. Thanks to its breathability, it does not require any ventilation duct between the foil and insulation. Thus, no air currents are generated, increasing the efficiency of the insulation. The middle membrane of the three-layer foil provides breathability and successfully evacuates water from the surface.

TECHNICAL CHARACTERISTICS	Specific Weight	Material	Tensile Strength	Temperature Resistance	Waterproofing Degree
	140 g/m ² ± 5%	Polypropylene	240 N/5cm (±20%) / 200 N/5cm (±20%)	+70°C	W1, Sd 0.05 (±) 0.01m

BILKA 150 g foil

Modern diffusion foil under the cover. Thanks to its breathability, it does not require any ventilation duct between the foil and insulation. Thus, no air currents are generated, increasing the efficiency of the insulation. The middle membrane of the three-layer foil provides breathability and successfully evacuates water from the surface.

TECHNICAL CHARACTERISTICS	Specific Weight	Material	Tensile Strength	Temperature Resistance	Waterproofing Degree
	150 g/m ² ± 5%	Polypropylene	260 N/5cm (-65; +25) / 130 N/5cm (-30; +15)	+70°C	W1, Sd 0.05 (±) 0.01m

BILKA 180 g foil

BILKA Foil 180g is diffuse-open membrane designed as house wrap, which goes under the external roofing. Membrane is totally waterproof, protects thermal insulation against rain or snow from the outside and also it is an excellent wind barrier.

TECHNICAL CHARACTERISTICS	Specific Weight	Tensile Strength Longitudinal	Tensile Strength Transverse	Application Temperature Range	Vapour Permeability
	180 g/m ² ± 10%	240 N/5cm (+40; -50)	140 N/5cm (+35; -35)	+80°C; -30°C	W1, Sd 0.02 (0.01; +0.04)

BILKA AntiDrop 100 foil

A waterproof membrane made of a waterproof material, and is designed to be used as a vapour control layer in walls or roofs. The foil is recommended for non-mansard roofs, and provides protection against possible water infiltrations or dust. It is recommended to be installed freely on rafters.

TECHNICAL CHARACTERISTICS	Specific Weight	Tensile Strength	Tearing Strength	Waterproofing Degree / Sd	UV Resistance
	100 g/m ²	≥120 N/50mm ≥120 N/50mm	≥110 N ≥110 N	W1, Sd 8 m (+2; -2)	4 months

THERMO-REFLEXIVE FOIL

BILKA ALU 90 foil

BILKA ALU 90 Foil is a multilayer film consisting of one layer of metallized polypropylene film, polypropylene mesh and polyethylene film. The BILKA ALU 90 Foil is designed to perform vapor barrier in the construction of roofs. The metallised layer reflects thermal radiation, preventing heat loss. Product is insulating barrier to water vapor and the wind. Such membranes can be used in all ventilated and non-ventilated roofs.

TECHNICAL CHARACTERISTICS	Specific Weight	Tensile Strength	Application Temperature Range	Vapour Transmission
	90g/m ² ± 10%	≥100N	-30; 70°C	Sd 50m ± 30%

BILKA ALU 150 foil

BILKA ALU 150 Foil is a multilayer film consisting of one layer of metallized polypropylene film, polypropylene mesh and polyethylene film. The BILKA ALU 150 Foil is designed to perform vapor barrier in the construction of roofs. The metallised layer reflects thermal radiation, preventing heat loss. Product is insulating barrier to water vapor and the wind. Such membranes can be used in all ventilated and non-ventilated roofs.

TECHNICAL CHARACTERISTICS	Specific Weight	Tensile Strength	Temperature Resistance
	150g/m ² ± 10%	≥150N	-30; 70°C

AUXILIARY ACCESSORIES

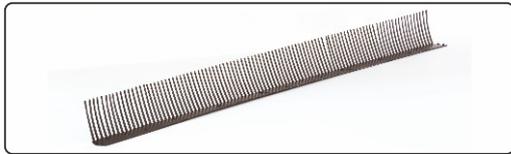
In addition to the standard products for roofs, **BILKA** also provides its customers with auxiliary products to help them achieve a high-quality installation. A complete and durable roof includes, in addition to the required basic elements such as metallic tiles and the rainwater system, secondary elements that complete and ensure a durable installation.

COMB VENT FOR RAINSHADOW

The eaves comb is installed under the roofing, along the eaves line, in order to ensure the ventilation of the roof, but also to protect it against birds or large insects. The product follows the internal contour of the tile and is fastened using screws or nails.

Technical details:

- Length: 1 m
- Color: brown

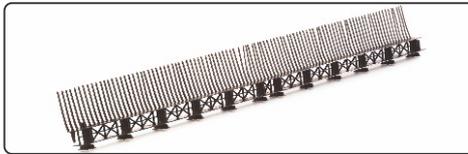


COMB VENT FOR VENTILATION

The vent comb with ventilation is designed to allow air to enter for ventilation, but also to prevent access of birds or large insects under the roofing. It is installed along the eaves line, following the internal contour of the tile.

Technical details:

- Length: 1 m
- Color: brown



EAVES VENTILATION STRIP

The eaves vent strip is designed to allow air to enter for ventilation, but also to prevent access for birds or large insects under the roofing. It is installed along the eaves line.

Technical details:

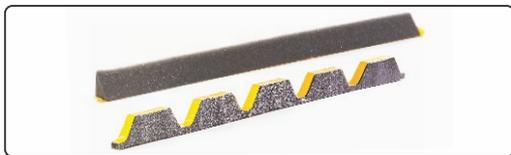
- Width: 100 mm
- Color: brown



SEALING TAPE

It is used on the valley and under the ridge. It has a sealing role.

- Universal sealing tape
- Profiled sealing tape

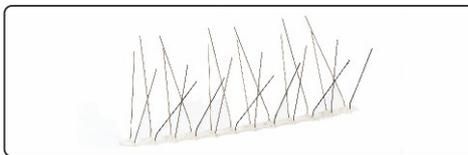


BIRD SPIKES

This product is used to prevent birds from nesting, thus eliminating the risk of corrosion on the various surfaces of the roof, but also the risk of contamination with different parasites.

Technical details:

- Polycarbonate backing
- Length: 345 mm



MASTIC SEALANT

PREMIUM MASTIC SEALANT

BILKA offers premium silicone as roof sealant, Hybrid Polymer with Zinc, to help the metallic tile roof to withstand the weather conditions it is subjected to. The silicone sealant is also used to seal the rainwater system.

UNIVERSAL MASTIC SEALANT

BILKA offers silicone as roof sealant to help the metallic tile roof to withstand the weather conditions it is subjected to. The silicone sealant is also used to seal the rainwater system.

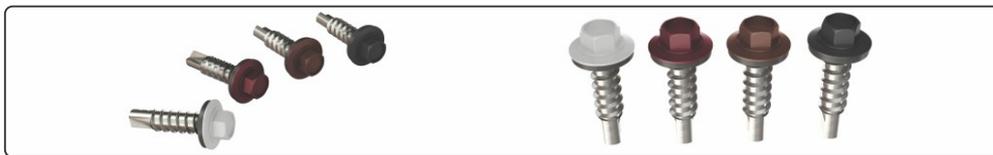


FASTENING SYSTEMS

BILKA fastening systems are protected with anti-rust layers, removing thus the risk of corrosion on the metal cladding applied to the building.

Depending on the work, self-drilling screws for the roof can be chosen, panels and other metal construction with mounting on wood or metal.

“ Screws are available in different RAL colors.



Dimension (D×L mm)	Drilling capacity (mm)	Hexagon head (mm)	Use
4,8×19	3	8	Metal fastening on metallic support
4,8×35	1,25	8	Metal fastening on wooden support
4,8×25	1,25	8	Metal fastening on wooden support
4,8×55	1,25	8	Metal fastening on wooden support
4,8×70	1,25	8	Metal fastening on wooden support
4,8×20	3	8	Metal sheet fastening on metallic support
5,5×25	5	8	Metal sheet fastening on metallic support
5,5×38	12	8	Metal sheet fastening on metallic support
5,5×60, 5,5×80, 5,5×100, 5,5×120	5	8	Insulating panels fastening on metal support
5,5×140, 5,5×70, 5,5×90, 5,5×110, 5,5×130, 5,5×150, 5,5×190, 5,5×220, 5,5×250	12	8	Insulating panels fastening on metal support

RIDGE BAND

Vapor-permeable rigid strip consisting of two corrugated aluminum strips connected by a high-resistance geotextile fabric

The butyl adhesive tapes running along the entire length of the rigid sides of the product are designed to provide durable fastening.

Other properties:

- Allows the efficient venting of the roof;
- Prevents precipitations and birds/insects from entering under the roofing;
- The corrugated surface and adhesive tapes ensure easy installation on any type of roofing.

Technical details:

- Color: Copper brown (RAL 8004), Chocolate brown (RAL 8017), Jet black (RAL 9005)
- Length: 5,000 mm
- Requirement per linear meter: 1 roll / 5 lm
- Width: 310 mm





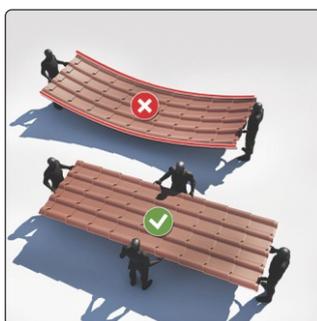
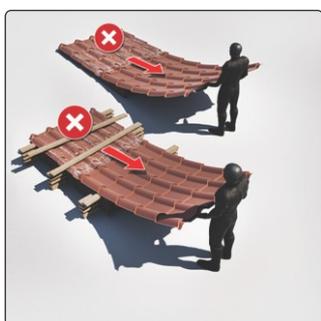
SHIPPING, HANDLING, STORAGE



STORAGE

1. Horizontally, on pallets, protected against moisture.
2. AWAY FROM heat sources and corrosive materials.
3. Avoid contact with wet cement, acids, mortar, lime, earth, copper, other aggressive materials or fluids, etc.
4. Pallet stacking must consider the weight of each pallet in turn.
Avoid placing the base of the upper pallet on the pressed area of the product stored in the pallet below.
5. The storage period must not exceed **45 days**. It is recommended to store the elements of the roofing system indoors, in dry and well-ventilated locations.

* **Zink-coated metal sheets** must be stored indoors, in a dry and ventilated area!

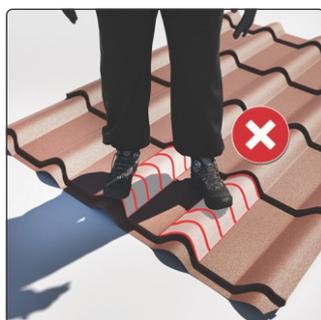


SHIPPING AND HANDLING

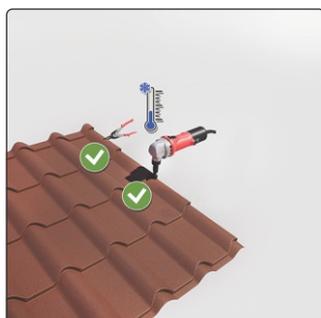
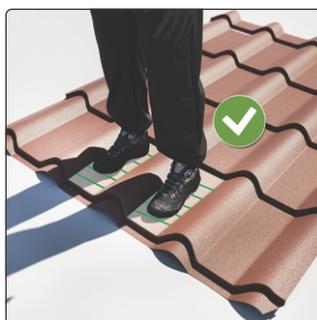
1. Bilka products are delivered fast, all over Europe, thanks to the high production capacity, advanced logistics system and good relations with the domestic partners.
2. BILKA roofs are executed in different sizes depending on the customer's needs so as to minimize material losses and they are delivered on wood pallets, which are easily handled using cranes and forklifts.
3. For the manual handling of the metal roofing panels, the panels must be held from the edges so as to prevent their deformation.
4. Products **MUST NOT** be moved by dragging. The panels must be handled vertically, by at least 2 persons.

WARNING!

Failing to observe the cutting, transport, handling and storage rules will result in the loss of the product warranty.



STEPPING ON THE ASSEMBLED METAL ROOF IS ALLOWED ONLY ON THE AREAS BETWEEN THE CORRUGATED PARTS OF THE METAL PANEL.



METAL ROOFING PANELS MUST BE CUT EXCLUSIVELY WITH POWER SHEARS.
THE USE OF POWER GRINDERS IS FORBIDDEN.



Please refer to the installation guide:
www.bilka.ro/en/documentation-en/

WARRANTY CERTIFICATE

EN-BLK 00001

BILKA STEEL hereby guarantees that the products subject matter of this certificate are manufactured and certified by the manufacturer in accordance with the applicable standards and parameters, and that they comply with the European quality standards. The warranty is granted pursuant to Law No. 449/2003.

The guarantee granted by BILKA STEEL for **COLOR** and **CORROSION** characteristics is:



for the colors of the products for **double-painted steel** for folding
for the colors of the products for **double-painted steel** for folding
for the colors of the products with **Glossy** finishing
for the colors of the products with **Matte / Wood** finishing

GENERAL WARRANTY TERMS & CONDITIONS



GENERAL WARRANTY TERMS AND CONDITIONS

The products delivered by BILKA STEEL. BILKA STEEL shall not be held liable for any damages as a result of the facts or omissions below:

The products have been chemically damaged in a corrosive environment or because of the prolonged contact with wet concrete, copper, mortar, soil, paint.

The products have been subject to mechanical or other kind of changes due to inadequate transport, handling or storage (unless BILKA STEEL is liable for such events).

The BILKA STEEL products have been cut with abrasive blades or other cutting tools that cause excessive local heating of the processed parts.

The BILKA STEEL products have been machined at a working temperature below - 10 degrees C, when machine bending has been used.

The BILKA STEEL products have been tooled at a working temperature above +5 degrees C, when manual bending has been used.

The BILKA STEEL products have been in direct contact with wet concrete, copper, soil, heat, other corrosive materials or in permanent or prolonged contact with water.

The BILKA STEEL products have not been installed in maximum 45 days since their acquisition.

The warranty covers the products delivered by BILKA STEEL.

BILKA STEEL shall not be held liable for any direct or indirect damages as a result of the facts or omissions below:

- The products have been chemically damaged in a corrosive environment or because of the prolonged contact with other materials: wet concrete, copper, mortar, soil, paint.
- The products have been subject to mechanical or other kind of changes due to inadequate transport, handling or storage (unless BILKA STEEL is liable for such events).
- The pre-painted BILKA STEEL products have been cut with abrasive blades or other cutting tools that cause excessive local heating of the processed parts.
- The BILKA STEEL products have been machined at a working temperature below - 10 degrees C, when machine bending has been used.
- The BILKA STEEL products have been tooled at a working temperature below +5 degrees C, when manual bending has been used.
- During the storage and mounting period, the products have been in direct contact with wet concrete, copper, soil, other corrosive materials or in permanent or prolonged contact with water.
- During the use period, direct contact with wet concrete, copper, or other corrosive materials has not been prevented.
- The BILKA STEEL products have not been installed in 45 days since their acquisition.
- The warranty does not cover product damages because of the beneficiary's failure to use the accessories recommended and supplied by BILKA STEEL, or because of the faulty assembly.
- The guarantee does not cover product damages caused by the incorrect use of the retouch spray.
- The warranty does not cover damages arising from events of force majeure, such as: war, riot, natural disasters, fire, etc.
- The beneficiary shall lose its rights to warranty if, upon the notification of a defect of the BILKA STEEL products, it fails to provide the original invoice related to the purchase of the goods.



According to the provisions laid down in Article 17 of Law No. 449/2003, for this, the purchaser must allow the BILKA STEEL representatives to have access to the concerned products, for inspection and possible repair works.



Name
Address
VAT No.
Invoice

Name
Address
Shipping address

VAT No./Personal ID No.
Invoice

 **BILKA**[®]
• roof system • rain system •

 EN



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