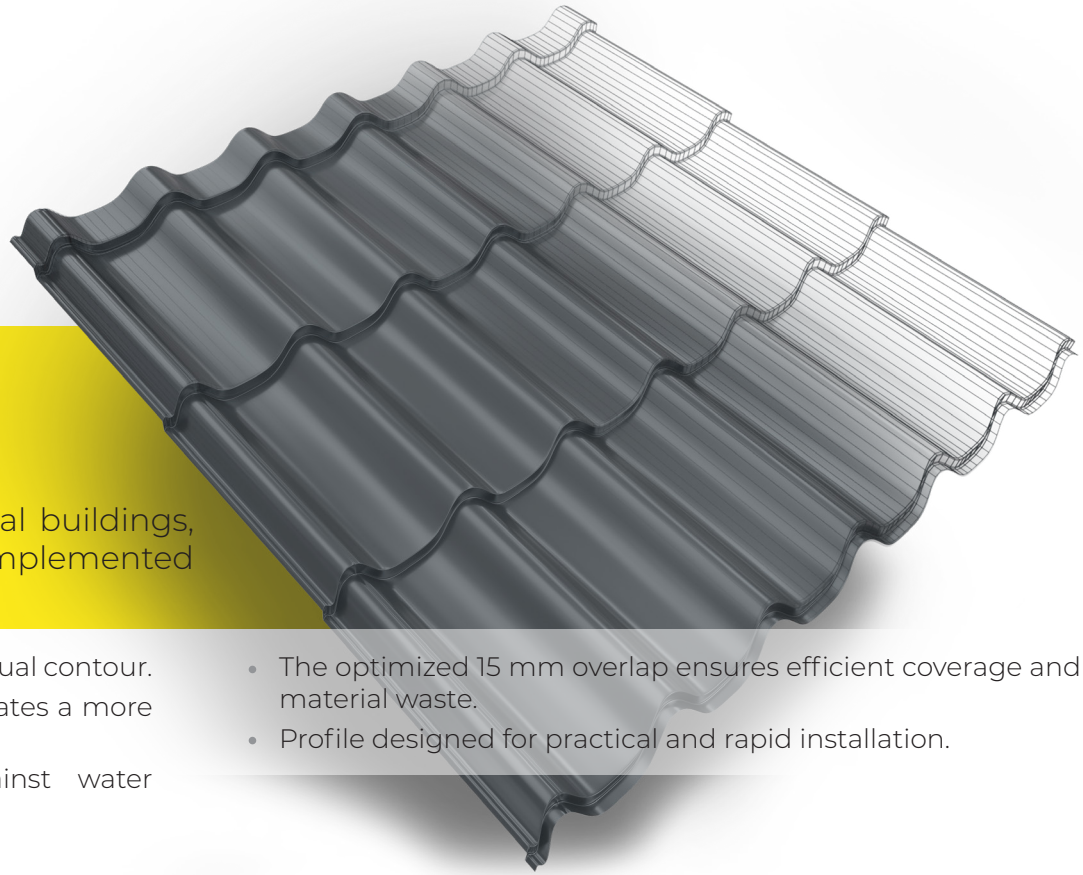
BELPROFILE
ONE ROOF, MORE GENERATIONS

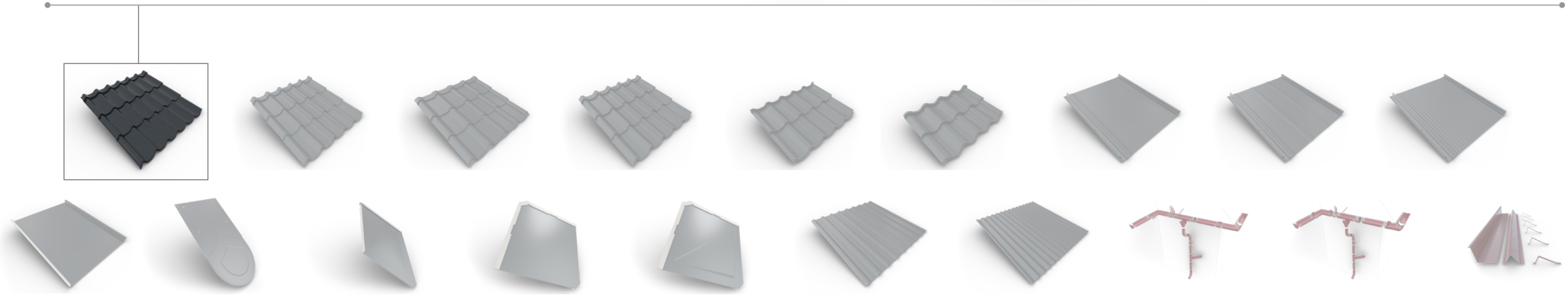


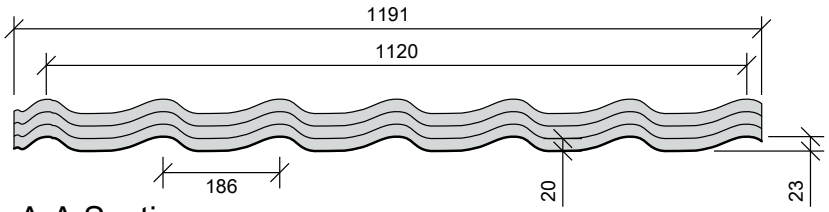
Residential —— Metal Roof Tile

BELPROFILE Classic 3D

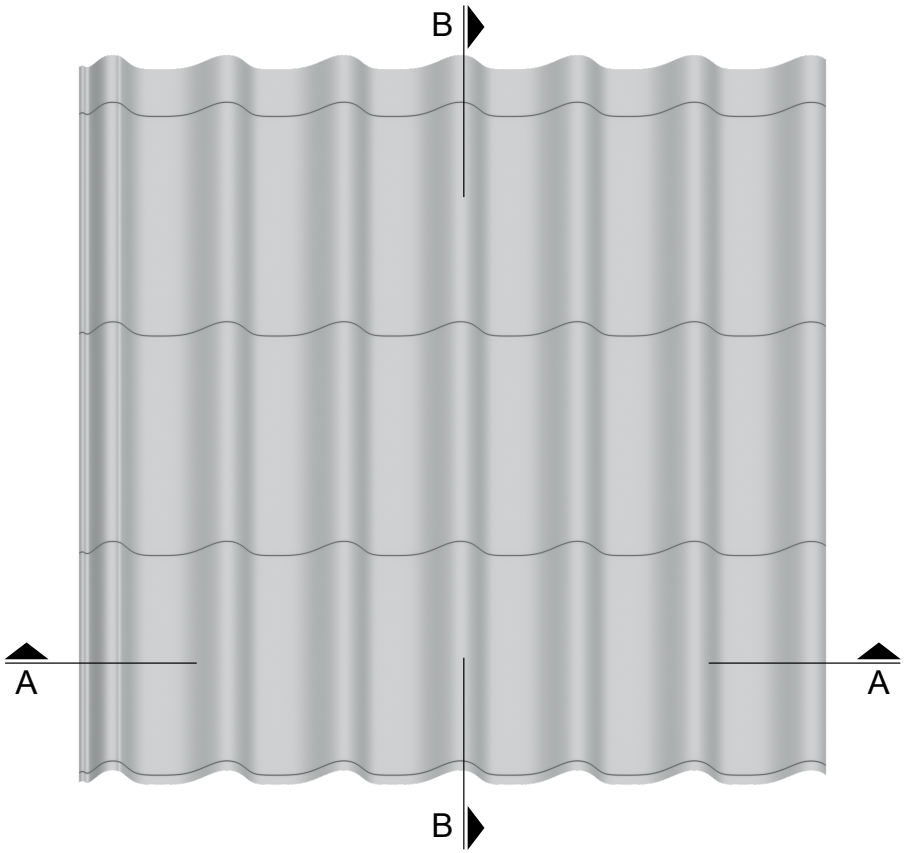
is a tile-effect metal roofing profile for residential buildings, designed for projects where a classic look is complemented by a well-defined, three-dimensional relief.

- The 3D cut gives the roof depth and a more expressive visual contour.
- The 20 mm step height accentuates the profile and creates a more pronounced appearance for the roofing.
- Safety channels provide additional protection against water infiltration at the joints.
- The optimized 15 mm overlap ensures efficient coverage and reduces material waste.
- Profile designed for practical and rapid installation.

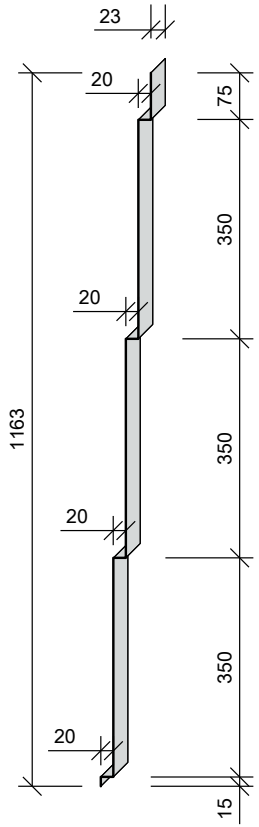




A-A Section



Plan view



B-B Section

Total width
1200 mm

Useful width
1120 mm

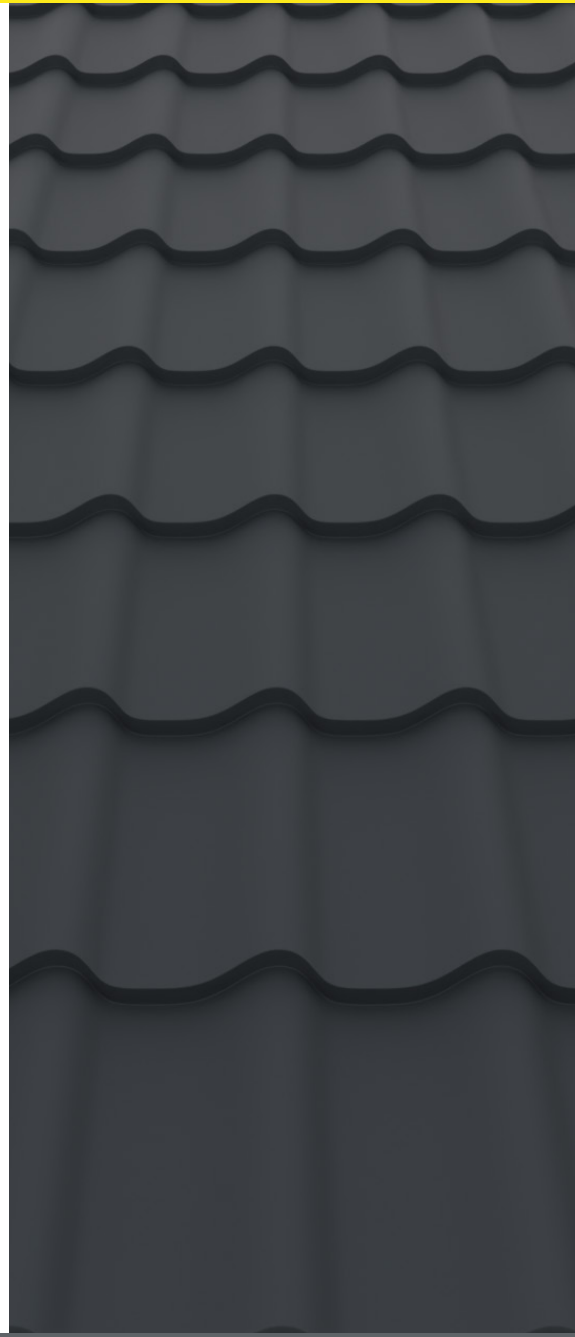
Profile depth
23 mm

Tile step height
20 mm

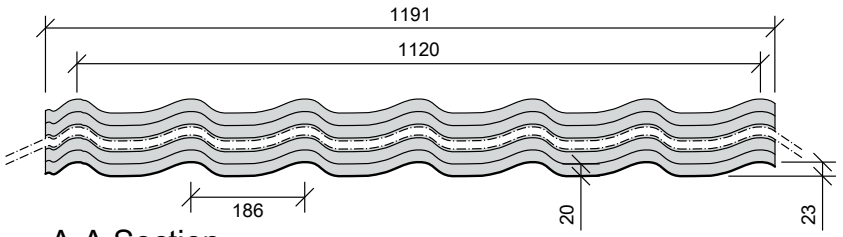
Total profile height
43 mm

Slipping distance
350 mm

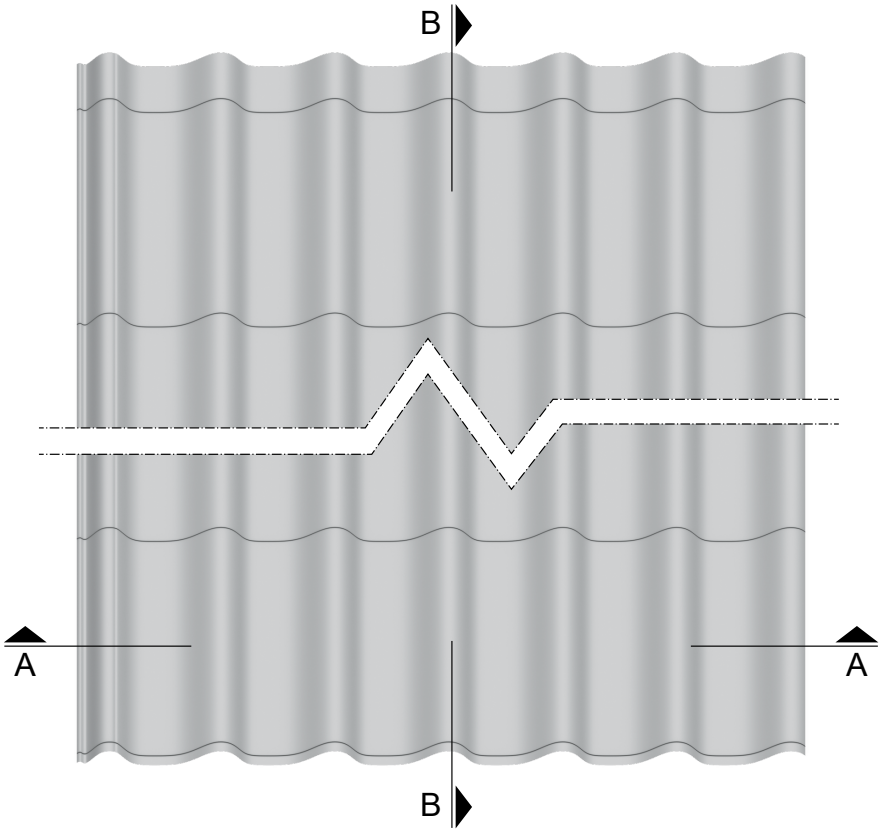
Minimum mounting slope
14°



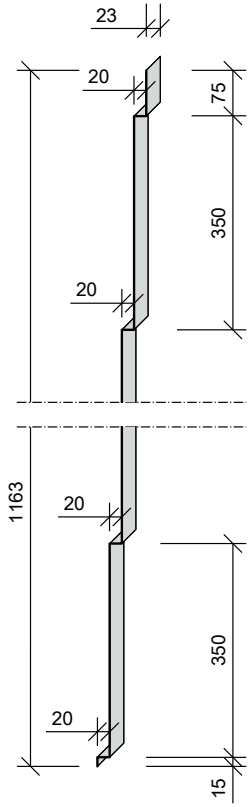
Panels cut to variable lengths (440 - 6000 mm)



A-A Section



Plan view



B-B Section

Total width
1200 mm

Useful width
1120 mm

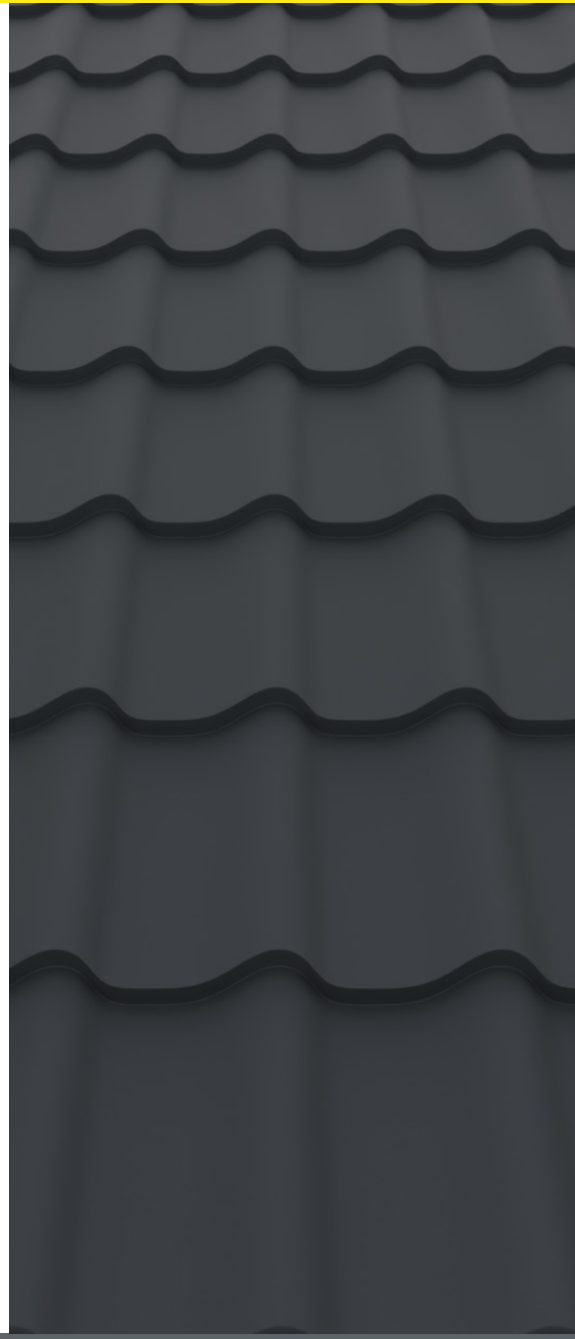
Profile depth
23 mm

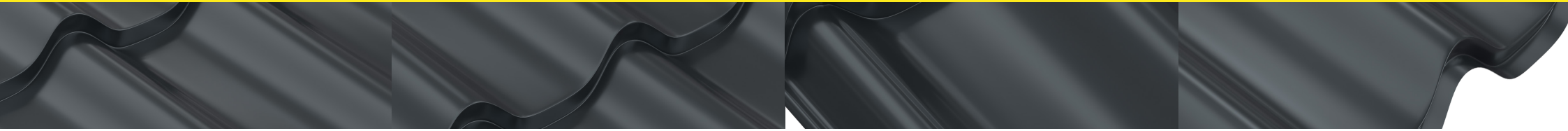
Tile step height
20 mm

Total profile height
43 mm

Slipping distance
350 mm

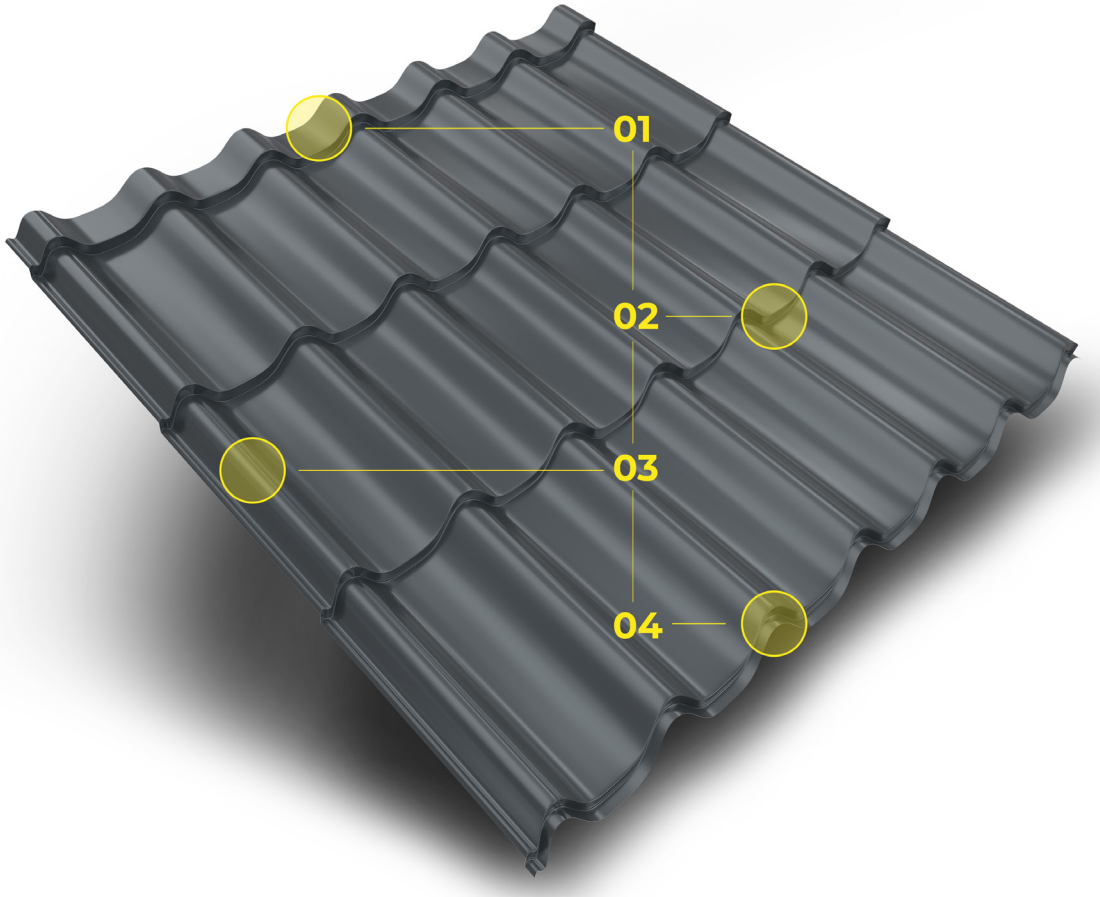
Minimum
mounting slope
14°





01 — 02 — 03 — 04

ADVANTAGES



01 The overlap area ensures efficient coverage and reduces material waste. A 15 mm overlap allows for dual-point fastening, in accordance with the profile's technical specifications.

02 The 20 mm step height accentuates the shape of the metal tile, contributing to a structured, three-dimensional appearance for the roofing.

03 Safety channels provide additional protection against water infiltration at the panel joints.

04 The 3D cut highlights the outline of each module, giving the roof a pronounced relief and a distinct, aesthetic finish.

pre-painted hot-dip galvanized steel — thickness **0,50 mm**

finish	warranty	weight	Zinc protection layer	protective paint layer
PrinTech	**40 years**	**4 kg/m²**	**275 g/m²**	**HDP 30 + (7 ↔ 10) µm**

The most efficient system for painting sheet metal products, it is applied in 10 layers and offers the longest life


Spanish **ANDALUSIA**


Spanish **GRANADA**


STONE GRAY


METAL GRAY

BigStone	**40 years**	**4 kg/m²**	**275 g/m²**	**40 + (7 ↔ 10) µm**

Special paint applied in 7 layers, each having a role in protecting the sheet over time, has the texture of sand pebbles that gives superior hardness and resistance, ensures increased thermal comfort during the summer.


RAL 7024

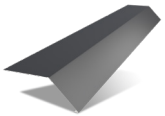

RAL 8017


RAL 8019

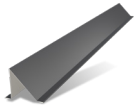

RAL 9005

ACCESSORIES
METAL ROOF TILES

GUTTER GRADE 01



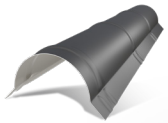
SNOW STOPPER 02



VALLEY 03



ROUND FINNED CREST 04



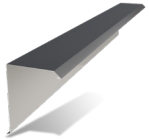
CREST CAP 05



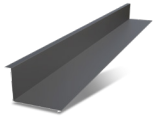
FASCIA COVER PROFILE 06



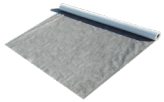
BORDER BAR 07

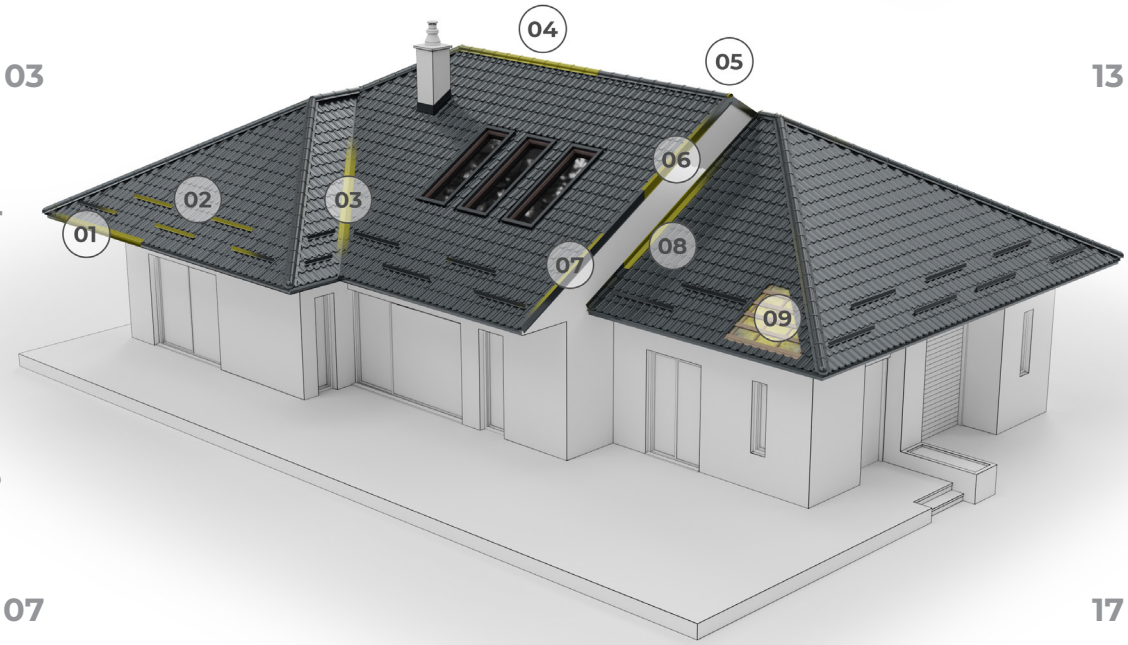


FIREWALL BAR GRADE 08

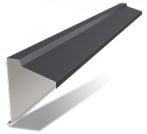


ANTI-CONDENSATION FOIL 09



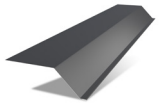


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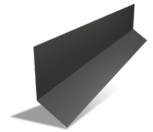


CREST TYPE BORDER BAR

11 GRADE FOR EXTERIOR INCLINATION



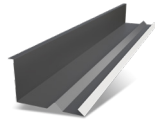
12 GRADE FOR INTERIOR INCLINATION



13 SNOW GUARD



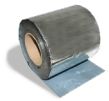
14 WALL EAVES



15 SEALING TAPES



16 BIRD DETERRENT



17 BUTYL SEALING TAPE



18 SELF-TAPPING SCREW



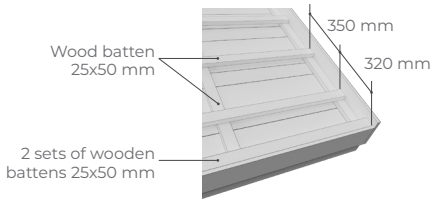
19 RETOUCH PAINT

METAL ROOF TILE INSTALATION PRINCIPLES

Sheet-metal work components for rainwater collection shall be installed before positioning the metal tile panels

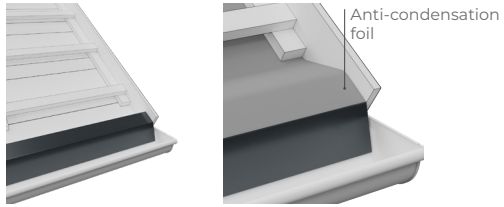
01 ROOF SIZING

Roof length shall be calculated between the eaves line and the ridge line, the metal tile panels being calculated as multiple of the length of a module (35 or 40 cm).



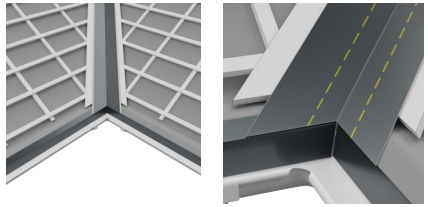
02 GUTTER GRADE

Shall be mounted on the batten for the rainwater collection system, after installing it, however before installing the anti-condensation foil. For installation, a 5 cm overlay with the gutter shall be used.



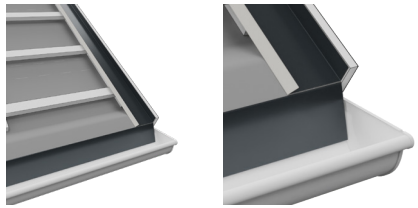
03 VALLEY

Shall be fastened with clamps, without drilling any holes. The valley flashing shall be installed at the intersection between 2 slopes of the roof.



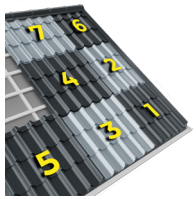
04 BORDER BAR GRADE

The border bar grade is used to collect rainwater from the sides of the roof.



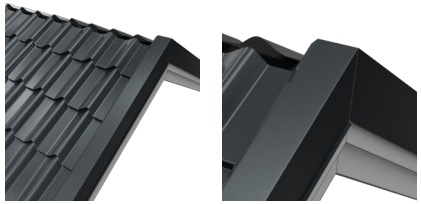
05 METAL TILE PANELS

The panels are placed from right to left, from the bottom. Before starting installation, we need to determine the angle between the eaves and the gable. Depending on the result obtained, the panels will be cut for perpendicular positioning on the eaves.



06 BORDER BAR

The border bar shall be installed over the metal tiles and the plank bordering the roof (fascia) and shall be set with self-drilling screws every 70 to 70 cm.



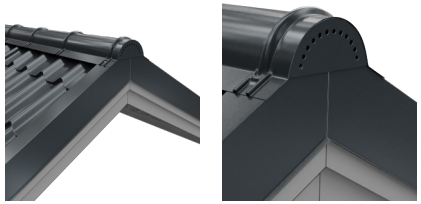
07 ROUND FIINNED CRESTS

The ridges shall be set with self-drilling screws in the tangential spots of the metal tiles.



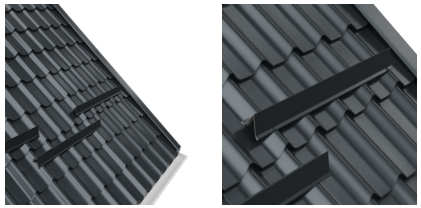
08 RIDGE CAPS

Shall be used for closing ribbed ridge tiles. It has holes to ensure proper ventilation of the entire roofing system.



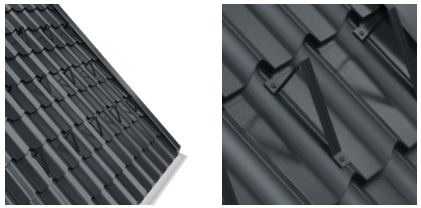
09 SNOW STOPPERS

Shall be installed in roofs with higher pitches, 70 cm from the lower edge of the roof.



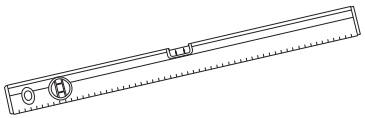
10 SNOW CUTTERS

They shall be installed in a triangle shape, in order to cut the mass of snow sliding from the roof, step by step.

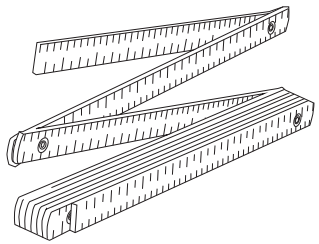


MINIMUM SET OF TOOLS REQUIRED FOR ASSEMBLY

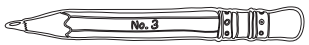
SPIRIT LEVEL



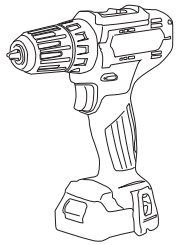
METER



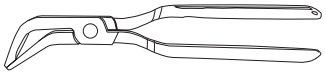
CARPENTRY PENCIL



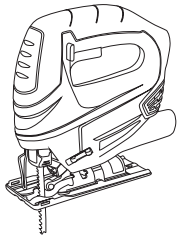
CORDLESS SCREWDRIVER



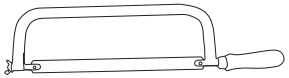
SHEET METAL PROFILE PLIERS



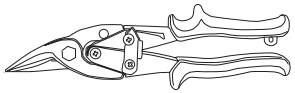
ELECTRIC JIGSAW



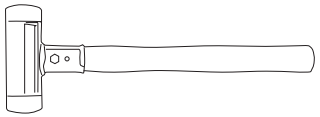
HACKSAW



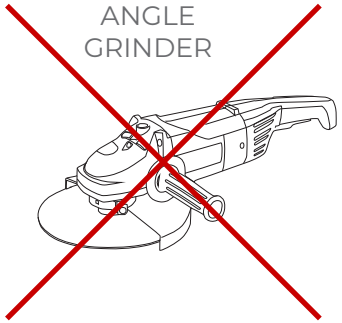
SHEET METAL SHEARS



SAFETY SOFT-FACED HAMMER



ANGLE GRINDER



VERY IMPORTANT!

BELPROFILE products (metal tiles, corrugated iron, drainage systems and accessories) are shipped on wooden pallets to avoid bending or hitting the products. Store in dry and ventilated areas, protected from sun, moisture and aggressive substances (eg: acids, salt, wet concrete). The tile is stored on wooden pallets, placed one meter away. It is not recommended to overlap more than 3 pallets of 150 tile sheets each. Pallets must be covered but good ventilation will be provided to prevent condensation. The storage of the tile outside must be only temporary, not more than 72 hours and in an inclined plane of at least 10°.

Metallic roof tiles handling

To lift the tile easily and without damage to the roof is recommended placement of two sleepers in the extension roof slats to the ground, thus so that the panels will be supported when they will be drawn.

Cutting

Special tools will be used in smithery (electric scissors or manual).
It is strictly forbidden to cut with the help of an angle grinder.

Cleaning after cutting

The filing resulting from the cutting is removed with a soft brush.

Paint for retouching

It is used to cover accidental scratches and to protect cut edges. Do not use on large surfaces because color differences may occur.