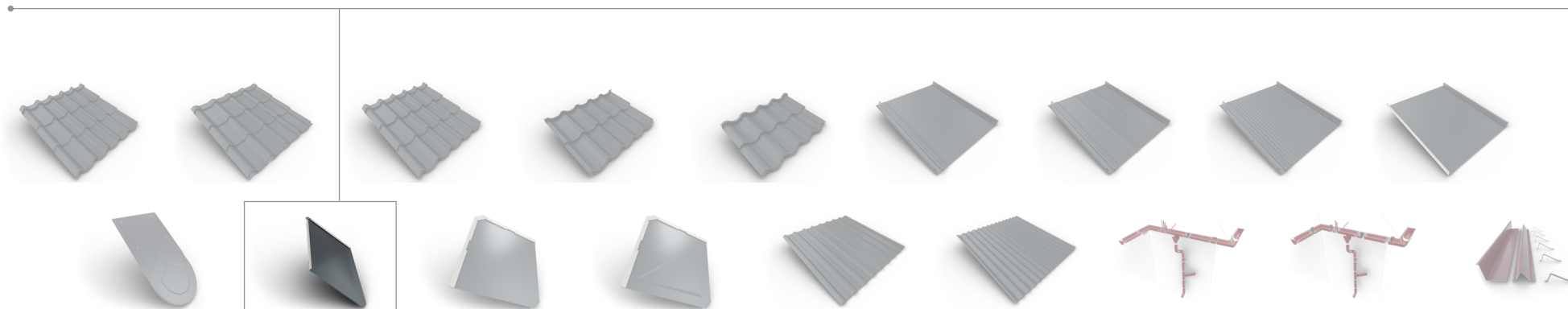
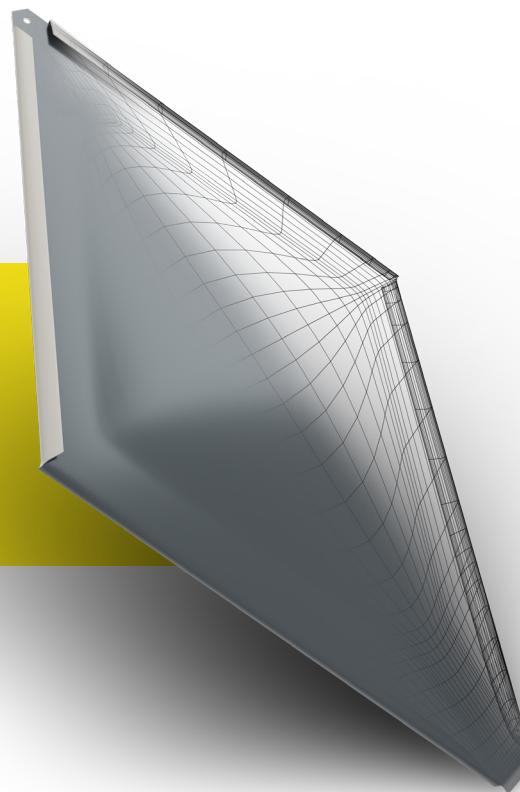


Professional ———— Metallic Scales

BELPROFILE Rombo

Rhomboid scales used to emphasize architectural details integrated into the roof.

- Suitable for special architectural works.
- Ensure the preservation of a traditional look.
- Highlight the elements on which attention is drawn.
- Fixed by hidden fasteners.
- Very attractive visual effect.





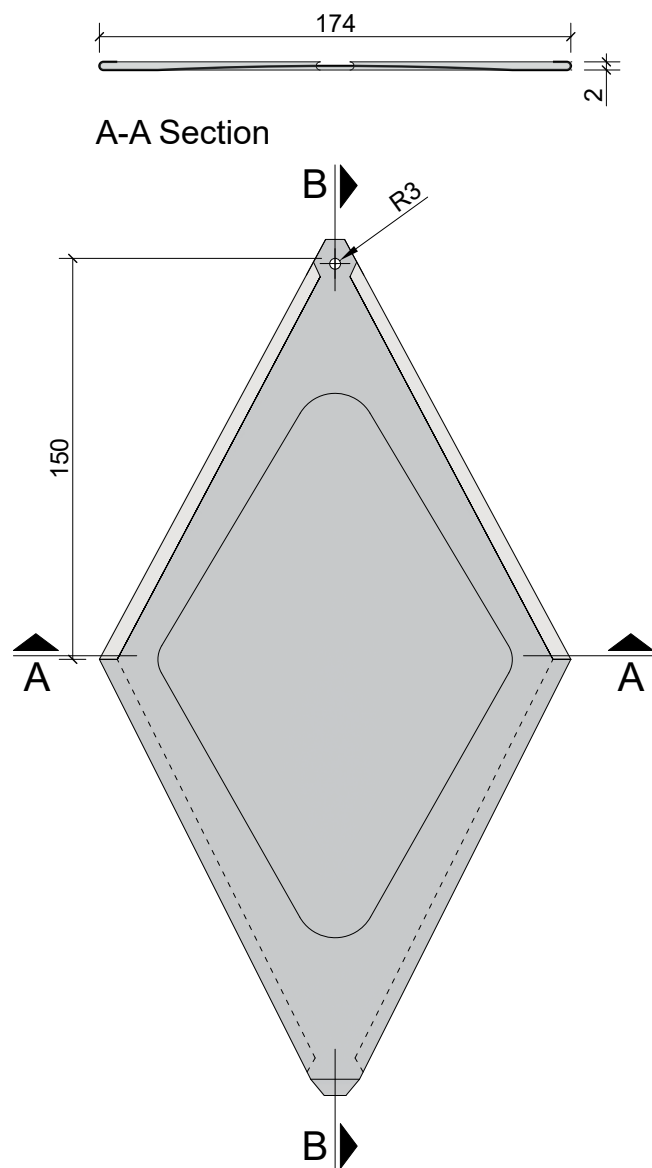
BELPROFILE

ONE ROOF. MORE GENERATIONS

Professional

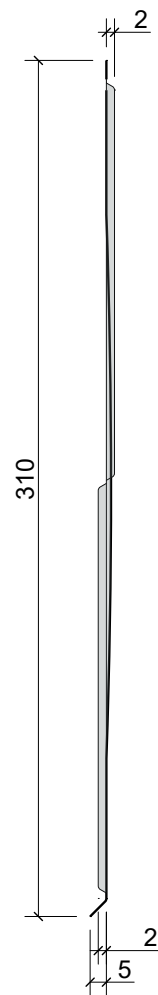
———— Metallic Scales

———— **BELPROFILE** Rombo

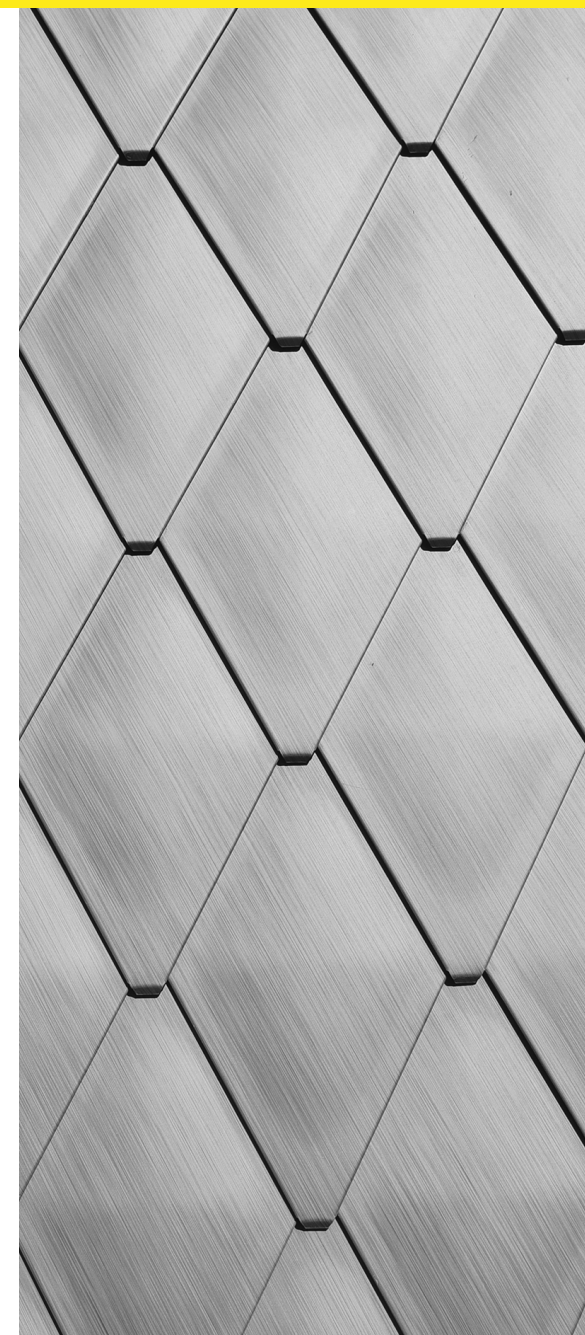


A-A Section

Plan view



B-B Section



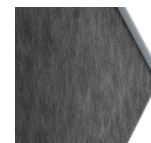
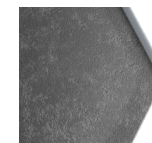
pre-painted hot-dip galvanized steel

 thickness **0,50 mm**

finish	warranty	weight	Zinc protection layer	protective paint layer
PrinTech	30 years	4 kg/m²	275 g/m²	HDP30 + (7 ↔ 10) μm

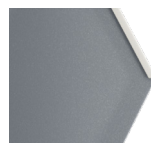
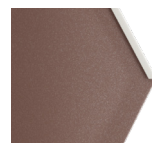
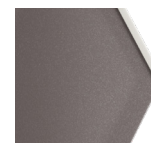
The most efficient system for painting sheet metal products, it is applied in 10 layers and offers the longest life.


 Spanish
ANDALUSIA

 Spanish
GRANADA

STONE GRAY

METAL GRAY

BigStone	30 years	4 kg/m²	275 g/m²	40 + (7 ↔ 10) μm
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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

Matt	20 years	4 kg/m²	225 g/m²	25 + (7 ↔ 10) μm
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Matte polyester paint that gives the color increased stability over time.


RAL 7024

RAL 8004

RAL 8017

RAL 8019

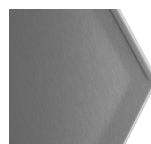
RAL 9005

pre-painted hot-dip galvanized steel

 thickness **0,55 mm**

MagneZinc	30 years	4,3 kg/m²	120 g/m²	-
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Provides additional protection, being three times more resistant to corrosion as compared to zinc-coated steel.

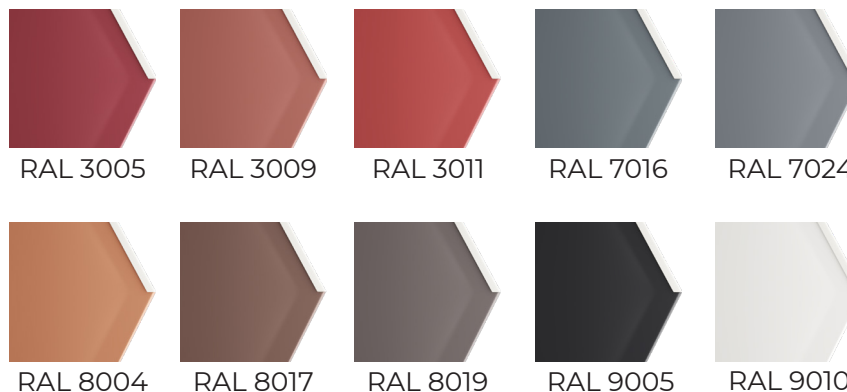

Natur

pre-painted hot-dip galvanized steel

 thickness **0,60 mm**

finish	warranty	weight	Zinc protection layer	protective paint layer
RainDrop	30 years	4,4 kg/m²	275 g/m²	HBPE 35 + 35 µm

Super-polyester coating, with greater color stability in time and enhanced scratch resistance.



PrinTech	30 years	4,4 kg/m²	275 g/m²	HDP 35 + 15 µm
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The best-performing sheet-metal coating product, it is applied in 10 layers and offers the longest lifespan.



aluminum

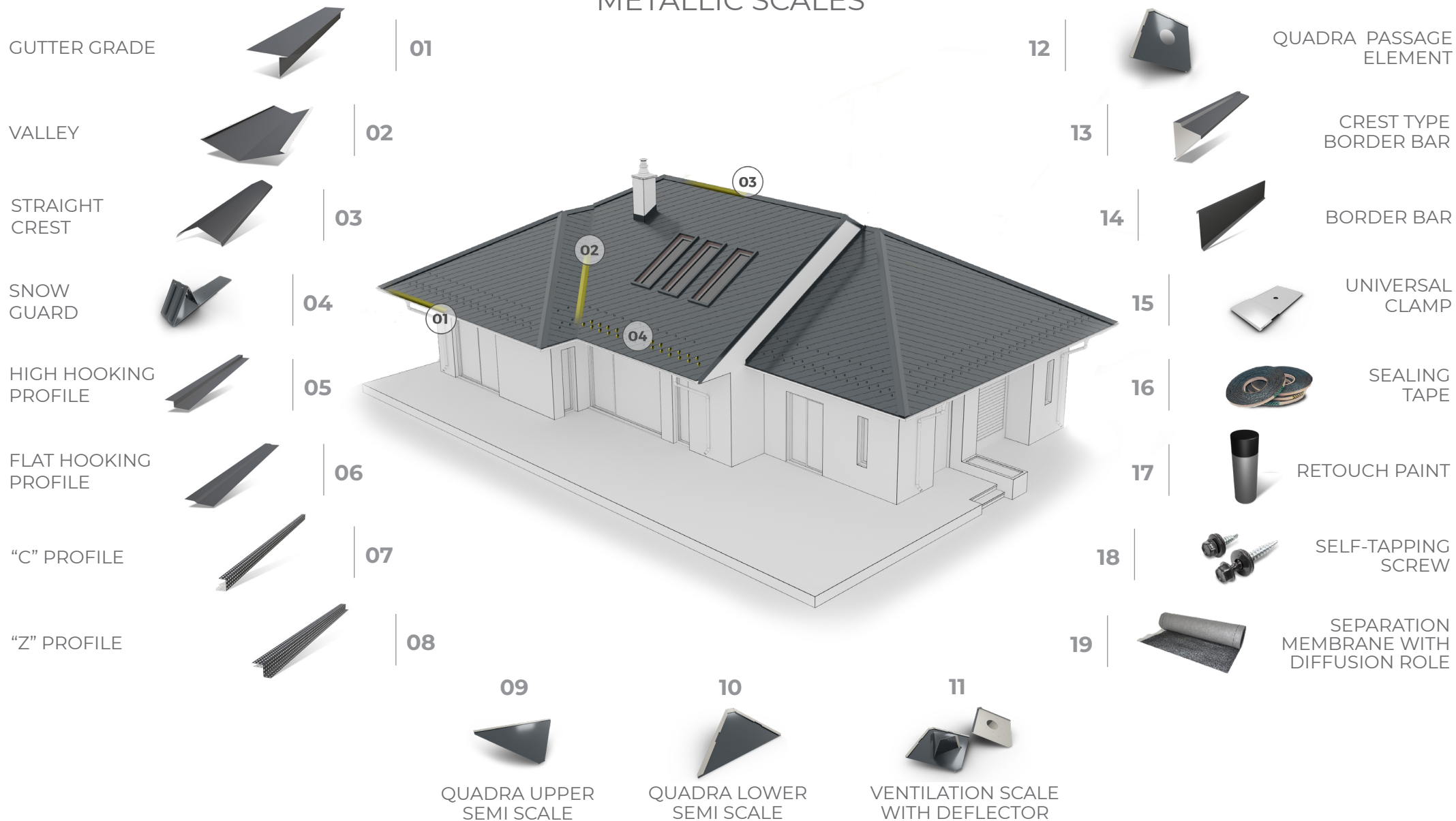
 thickness **0,70 mm**

SunClear	40 years	1,9 kg/m²	-	25 µm
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Glossy polyester paint, the traditional version of protection for metal products.



ACCESSORIES AND AUXILIARIES METALLIC SCALES

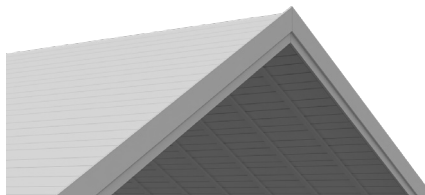


METALLIC SCALES INSTALATION PRINCIPLES

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

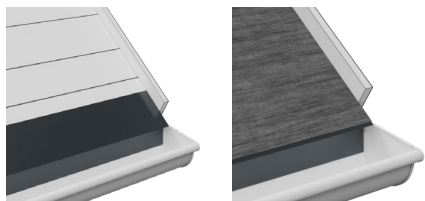
01 ROOF STRUCTURE

The scales have the advantage that they can be mounted both on an inclined plane and on a vertical plane.



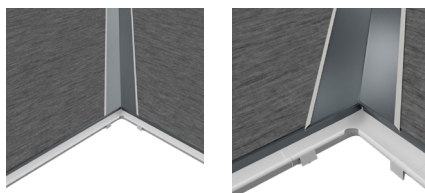
02 THE SEPARATION MEMBRANE WITH DIFFUSION LAYER

It is mounted on the deck and over the gutter apron and has the role of preventing direct contact of the sheet metal panels with the diffusion foil, which can be wet due to condensation.



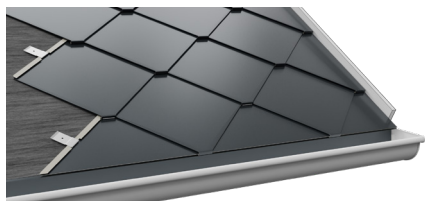
03 VALLEY

It is fixed with clamps, its drilling is forbidden. It is mounted at the intersection of two sides of the roof.



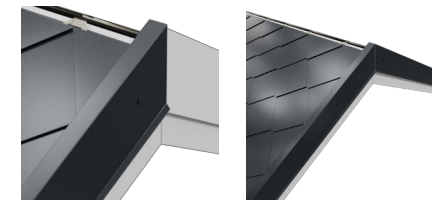
04 METALLIC SCALES MOUNTING

The assembly of the scales is done in rows. It is recommended that the surface be drawn before mounting to ensure that the scales will be perpendicular to the direction of water flow. The assembly is done with 4 mm space between adjacent scales. They are fixed with woodscrews or using ribbed nails.



05 RIDGE ANGLE

It is used to close the side of the roof.



06 HIGH HOOKING PROFILE

It is used to mount ridges, on either side of them. Its assembly on panels is done mechanically with the help of pop-rivets, using double-sided butyl tape that acts as a gasket. The ridge will be fixed in this profile without directly piercing the panel.



07 STRAIGHT RIDGE

It is mounted over the high hooking profile or over the "Z" profile.



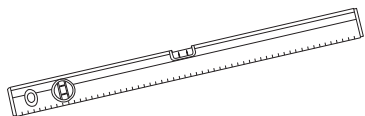
08 SNOW CUTTER

The element is fixed over the scale and its tail is covered by the upper scale.

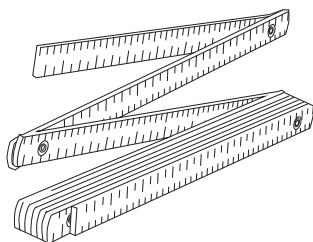


MINIMUM SET OF TOOLS REQUIRED FOR ASSEMBLY

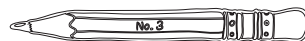
SPIRIT LEVEL



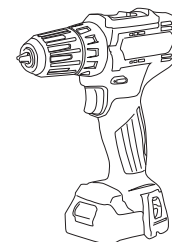
METER



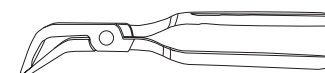
CARPENTRY PENCIL



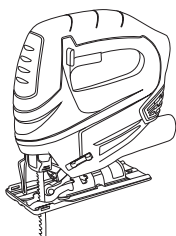
CORDLESS SCREWDRIVER



SHEET METAL PROFILE PLIERS



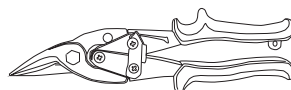
ELECTRIC JIGSAW



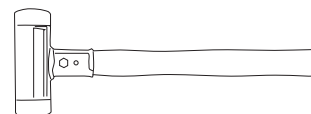
HACKSAW



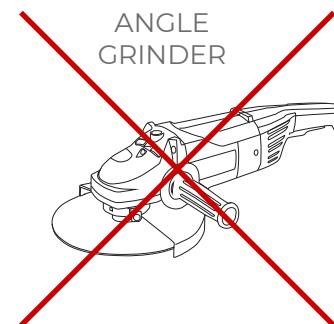
SHEET METAL SHEARS



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 scales handling

Rombo and Rondo metal scales are wrapped in packs of 10 pieces. When handling them, personal protection measures will be taken regarding the maximum displacement weight of 25 Kg.

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.