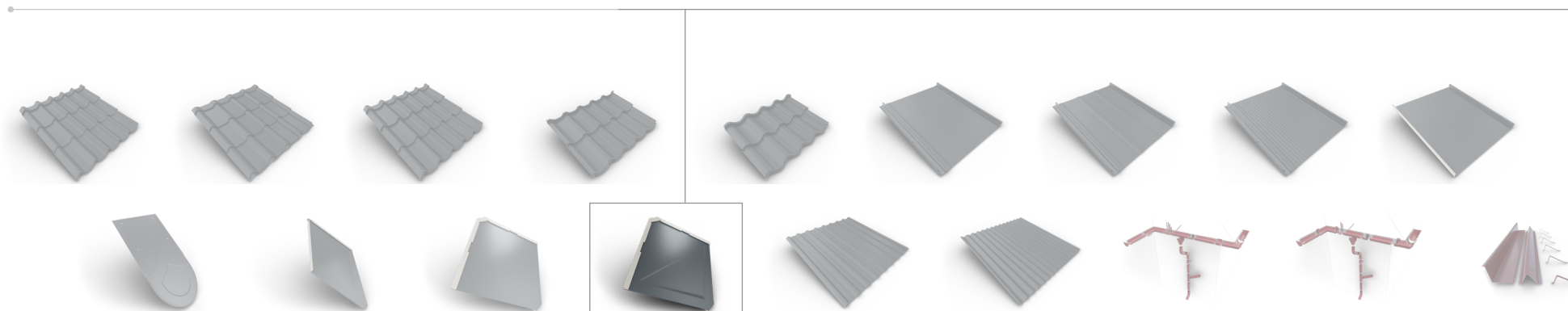


Professional ———— Metallic Slates

BELPROFILE Quadra Plus

Rhomboidal slates with a triangular imprint on the lower part of the scale offer a unique aesthetic effect.

- Highlights architectural details.
- They allow the fulfilling of all aesthetic requirements.
- Suitable for covering large areas.
- The ideal solution for renovating historic buildings.
- Various range of materials, colors and finishes.





BELPROFILE

ONE ROOF. MORE GENERATIONS

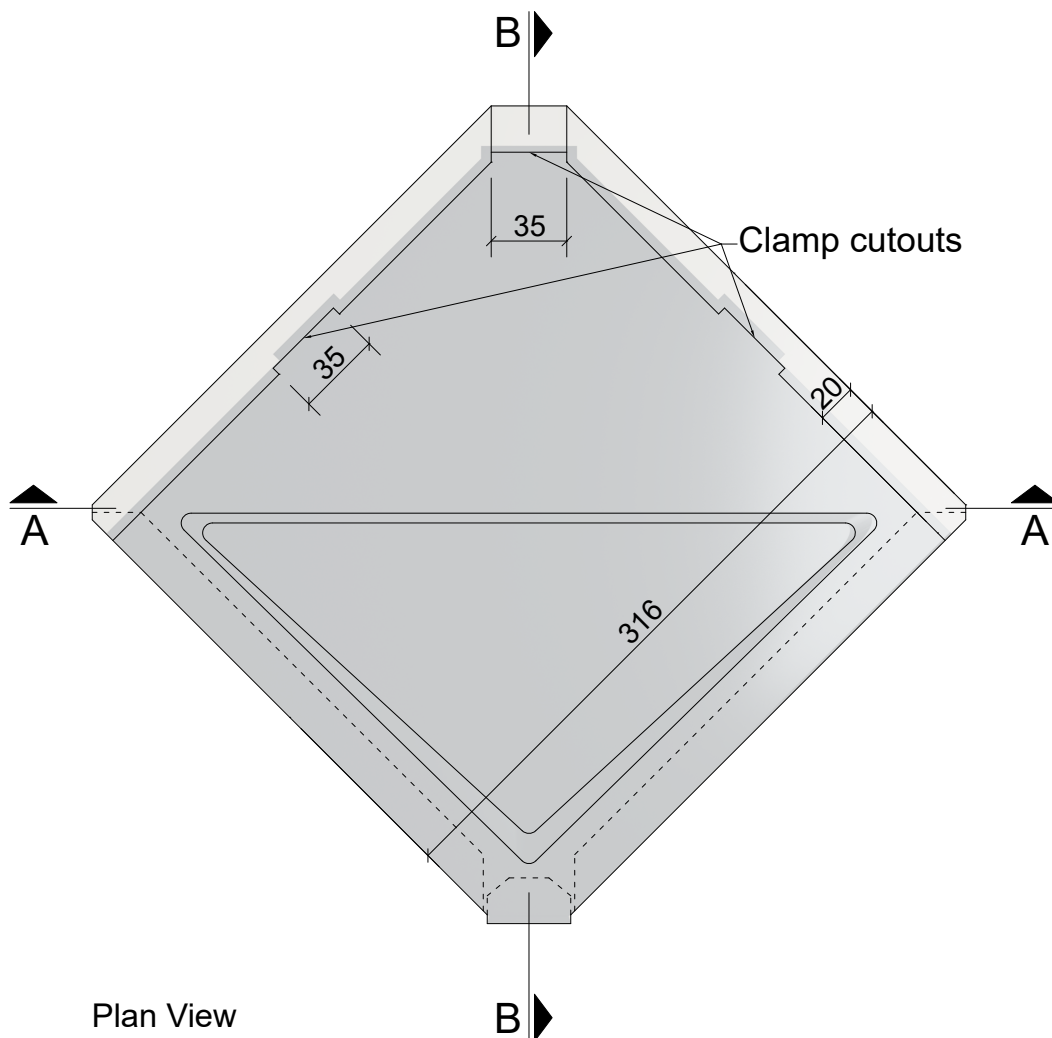
Professional

Metallic Slates

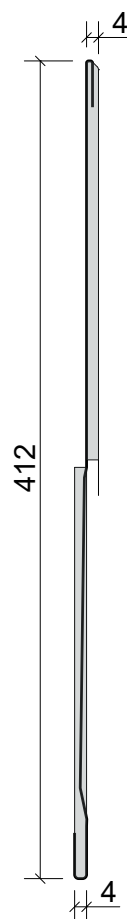
BELPROFILE Quadra Plus



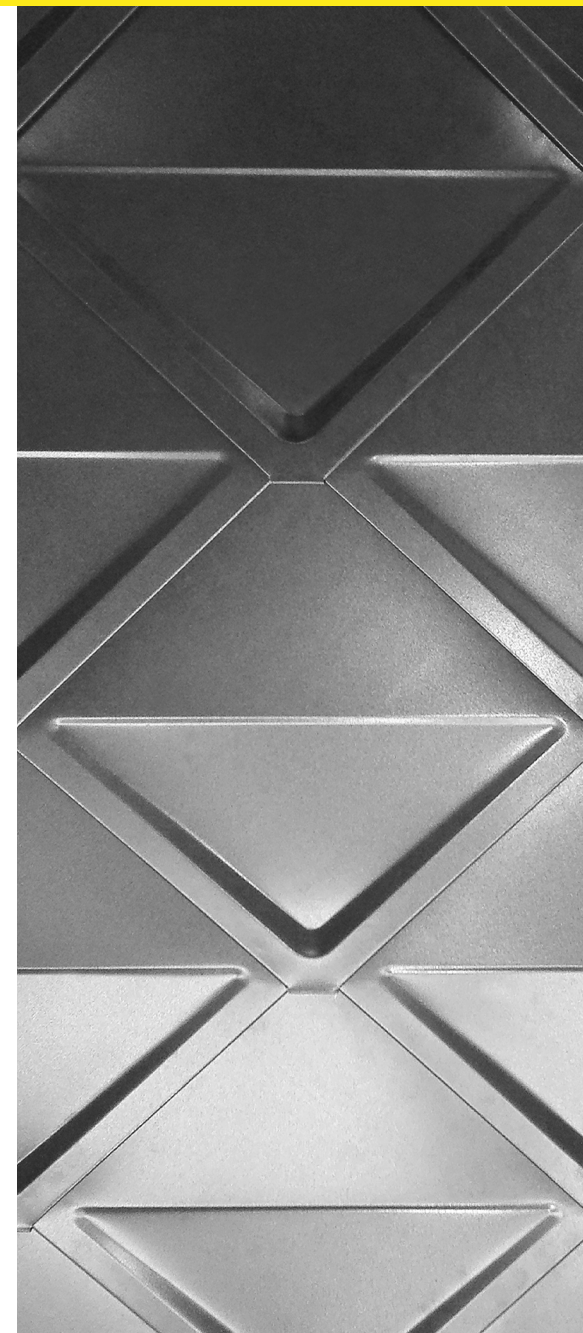
A-A Section



Plan View



B-B Section

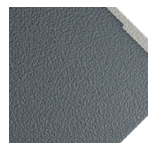


aluminum

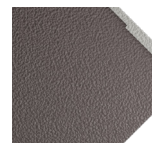
 thickness **0,70 mm**

finish	warranty	lifespan	weight	Zinc protection layer	protective paint layer
Embossed	40 years	100 years	1,9 kg/m²	-	25 µm

Matte polyester paint, with the structure applied directly to the aluminum sheet, offers very high stability over time.



RAL 7016



RAL 8019

SunClear	40 years	100 years	1,9 kg/m²	-	25 µm
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Glossy polyester paint, the traditional version of protection for metal products.



RAL 7016

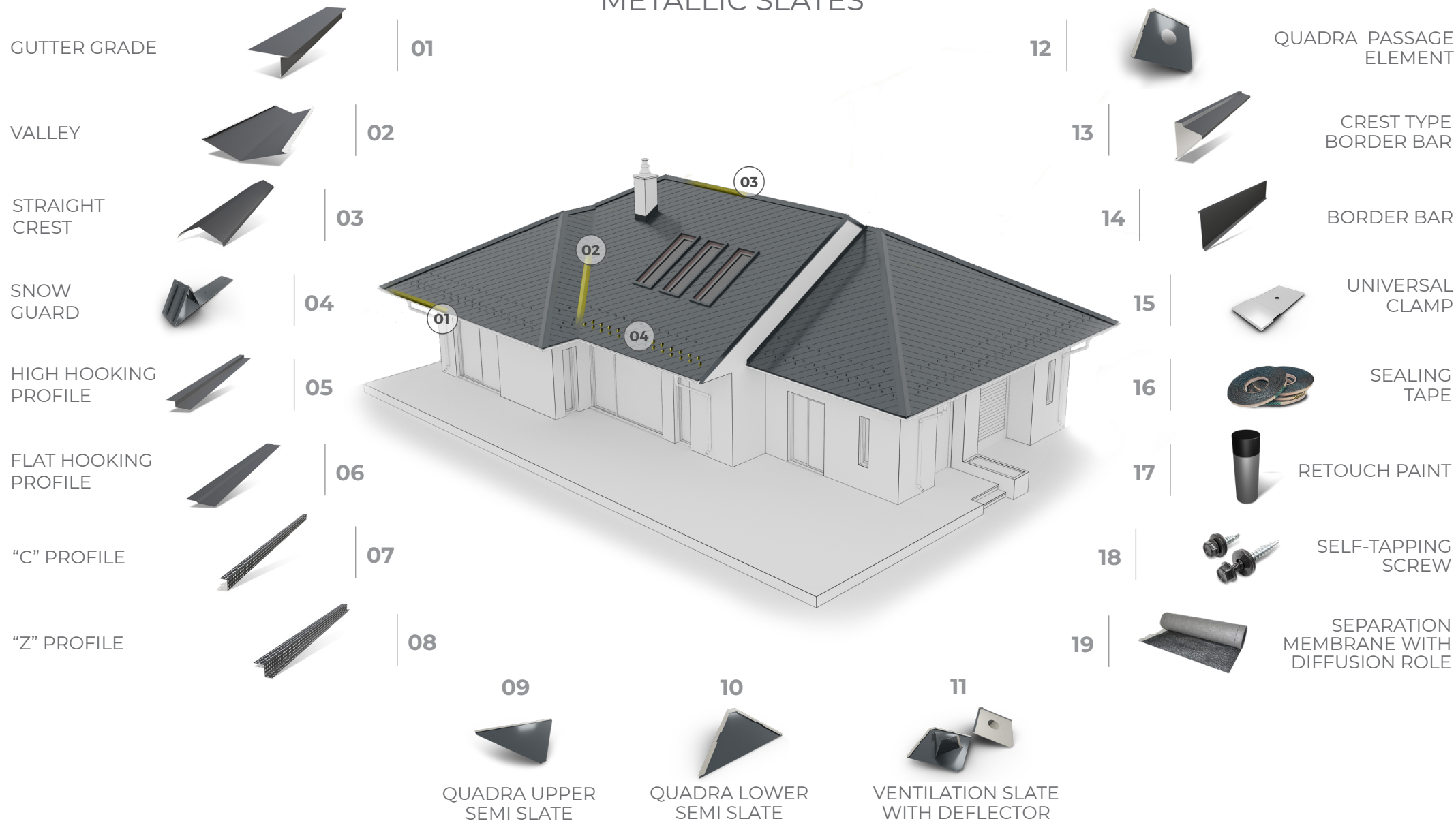


RAL 8019



RAL 9010

ACCESSORIES AND AUXILIARIES METALLIC SLATES

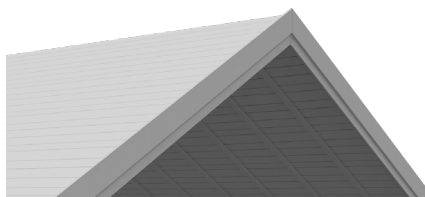


METALLIC SLATES INSTALATION PRINCIPLES

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

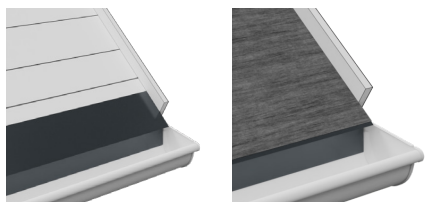
01 ROOF STRUCTURE

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



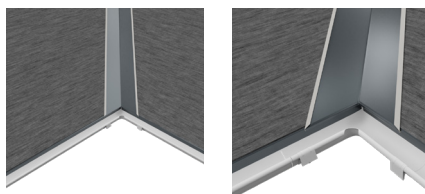
02 THE SEPARATION MEMBRANE WITH DIFFUSION LAYER

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.



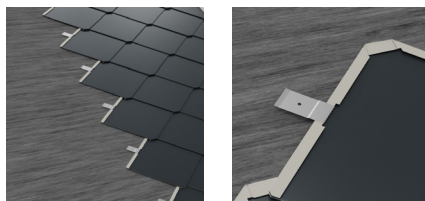
03 VALLEY

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



04 UNIVERSAL CLAMPS

The clamps ensure the montage of Quadra/Quadra Plus slates and semi-slates on the support surface, without being necessary to drill them. They are also used to mount the valley or any other profiled accessory.



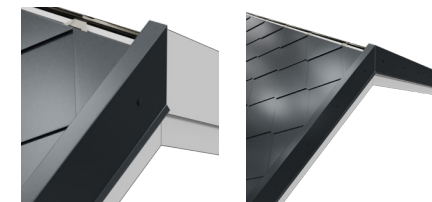
05 METALLIC SCALES MOUNTING

The assembly of the slates 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.



07 RIDGE ANGLE

It is used to close the side of the roof.



08 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.



09 STRAIGHT RIDGE

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



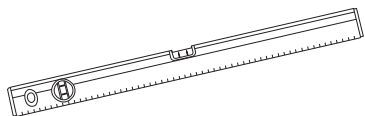
06 SNOW CUTTER

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

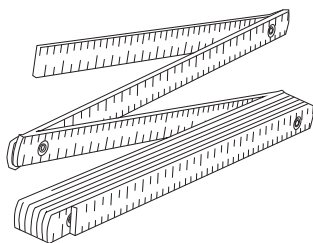


MINIMUM SET OF TOOLS REQUIRED FOR ASSEMBLY

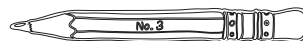
SPIRIT LEVEL



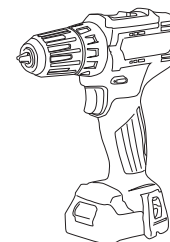
METER



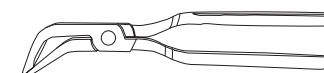
CARPENTRY PENCIL



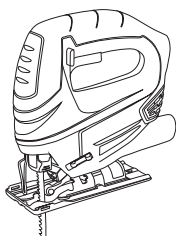
CORDLESS SCREWDRIVER



SHEET METAL PROFILE PLIERS



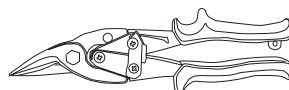
ELECTRIC JIGSAW



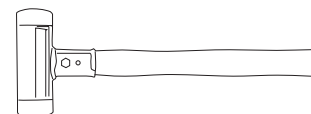
HACKSAW



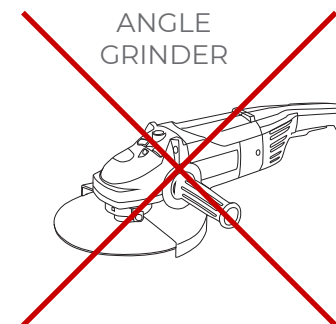
SHEET METAL SHEARS



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 slates handling

Quadra and Quadra Plus metal slates are wrapped in packs of 42 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.