SKARDA.LT

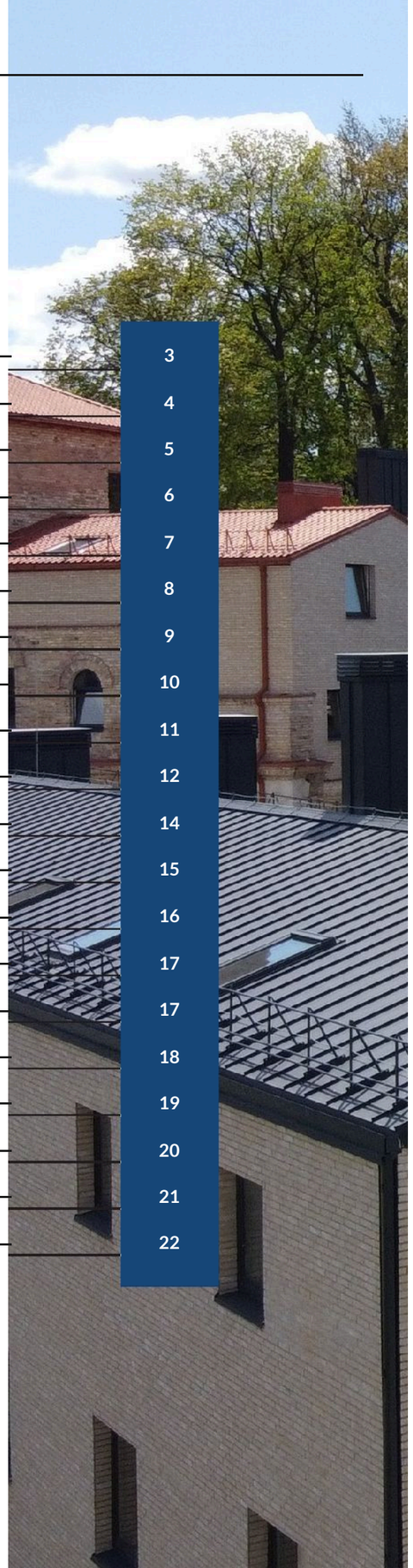


SINCE
2007

UAB SKARDVILA
PRODUCT CATALOGUE

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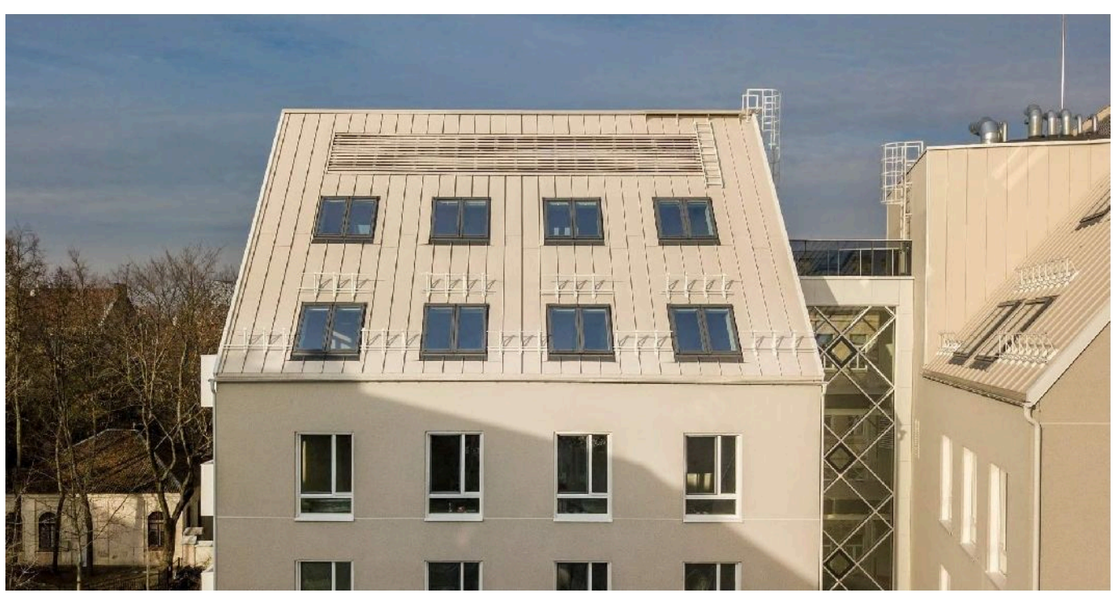


About us

UAB SKARDVILA was founded in 2007. Over the years we have built strong relationships with certified steel producers across Europe. Long experience in sheet metal and metal fabrication gives us a clear understanding of the market and of each customer's needs. That is why we offer time-proven, reliable roof accessories of our own manufacture: sheet metal flashings, roof safety railings, snow guards, roof and wall ladders, rainwater systems and a wide range of metal products, together with sandblasting, zinc coating and powder coating. For private customers we put together the complete set of roofing materials and provide consultations. For regular customers (builders' merchants, construction companies and others) we offer long-term cooperation, discounts and delivery throughout Lithuania. We help our customers choose the right roofing sets and advise on every roofing question.

In **2015, 2016, 2017** and **2021, 2023** the company received the prestigious „Gazelle of the Year" awards from the business daily *Verslo žinios*.

Our products comply with the standards: LST EN 612:2006, LST EN 14782:2006, LST EN 1090-2:2008+A1:2011



ROOF SAFETY RAILINGS



A roof safety railing is installed on roofs with a pitch of more than 7 degrees and an eaves height of 7 metres or more. On every building higher than 10 m, railings of at least 60 cm must be fitted.





If your roof needs both snow guards and safety railings, we offer a „two in one“ solution – railing and snow guard combined. It needs almost half as many fixings as two separate products and gives the roof a cleaner look. The solution suits public buildings well: schools, clinics, apartment blocks and shops – anywhere people walk around the building or cars are parked. The products can be galvanised and powder coated, or galvanised only.

- Made from 2.0 mm galvanised steel.
- Powder coated to the RAL colour palette.
- Special brackets make it suitable for every roof covering.
- Supplied with EPDM gaskets.
- Non-standard sizes and shapes available.
- Complies with fire safety requirements.

SNOW GUARDS

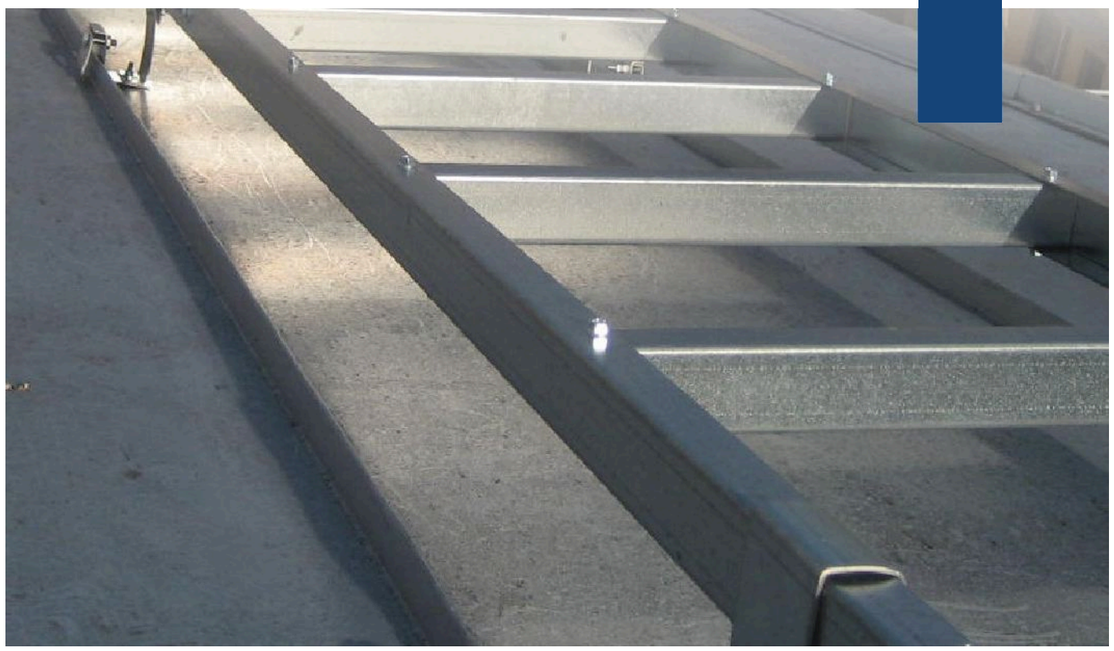
Snow guards, sometimes called snow catchers or snow barriers, protect people, cars and other property beside the building from sliding snow and ice.
Snow guards with round tubes hold back and melt snow far more effectively, and they are stronger and better looking.
Snow guards must be fitted at least above entrances, garage driveways, terraces and anywhere else people walk.
They are also needed wherever sliding snow and ice could damage roofs below, the rainwater system or other parts of the building.





- Made from 2.0 mm galvanised steel.
- Powder coated to the RAL colour palette.
- Suitable for every roof covering.
- Supplied with EPDM gaskets.
- Non-standard sizes and shapes available.

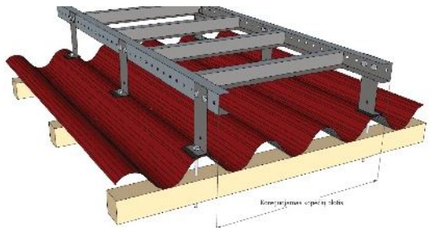
ROOF LADDERS





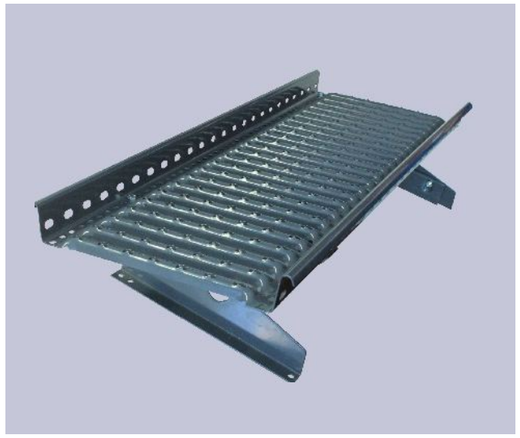
Roof ladders give access to chimneys and ventilation elements, or simply to the higher points of the roof. They are fixed on top of the roof covering and can be made in different lengths depending on the height that has to be reached. A roof ladder must be fastened securely so that safety is guaranteed. It is an important part of the roof structure: it opens up the higher areas and makes the necessary work possible – not only repairs, but routine roof maintenance as well.

- Made to the required length, segments up to 3 m.
- Ladder feet chosen to match the roof covering.
- Powder coated to the RAL colour palette.
- Supplied with EPDM gaskets.



ROOF WALKWAYS

Roof walkways are sturdy horizontal platforms that give safe, convenient access to any point on the roof and let you work standing up. Their construction is very strong and the surface gives excellent grip underfoot. A walkway lets you clean a chimney or solar collectors safely.







- Made from galvanised steel and powder coated to the RAL colour palette.
- Suitable for every roof covering.
- Available segment lengths: 600 mm, 1400 mm, 3000 mm.
- A handrail can be added.

WALL LADDERS



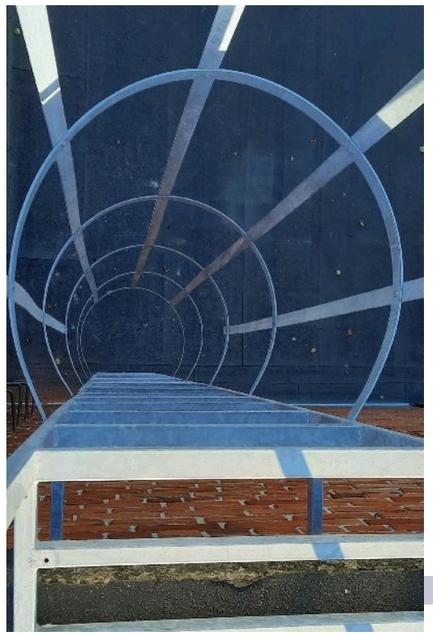






Fire escape wall ladders are made from 40x25x2 mm rectangular steel profile. They are produced with a landing platform and can be supplied with safety hoops. We can supply them together with a dry riser; the dry riser is also available separately.

Additional ladder parts:
Ladder opening lock.
Rung locking door
Dry riser



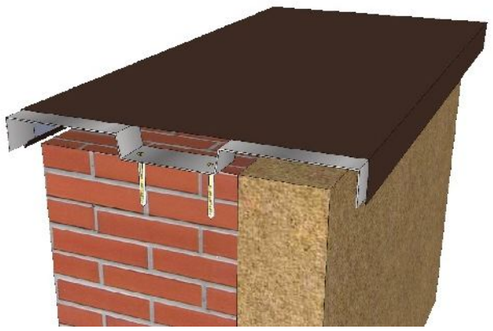
- Galvanised and powder coated to the RAL colour palette.
- Segments made up to 3 m long.
- Non-standard sizes and shapes available.
- Complies with fire safety requirements.

PARAPET BRACKETS



2.0 mm – 4.0 mm galvanised steel brackets for fixing parapet copings; window sill brackets are made with or without a stiffening rib and can be supplied in black steel, primed and/or powder coated.

Non-standard versions can also be produced to suit the requirements of the project.





FACADE CASSETTES

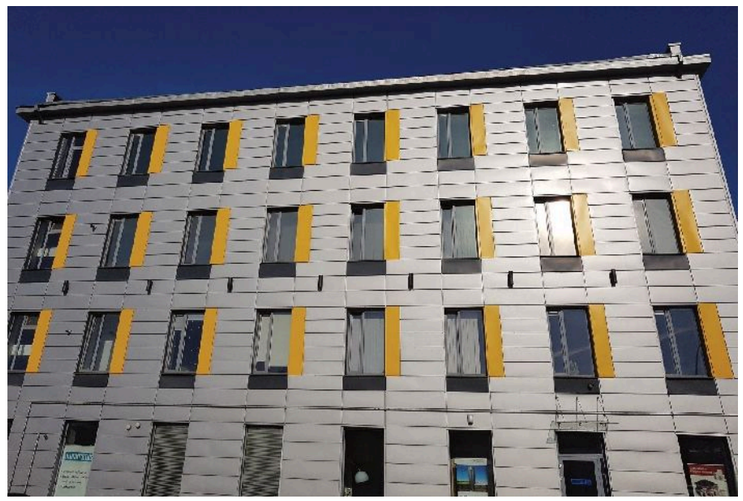
The SK-30 cassette system has uniform open joints and visible fixing.

They are mounted on vertical aluminium or steel supporting structures. The gap between the cassette and the vertical beam ventilates the wall effectively and stops condensation forming, so the inner face of the facade always stays dry. The cassettes are fixed through oversized holes so that they can move slightly (up to ±0.03 mm) as the temperature changes.



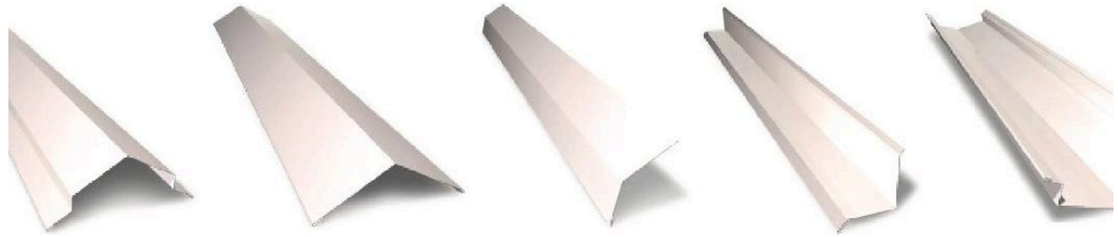


- Any colour and size to suit your building.
- 0.5–3.0 mm galvanised steel or aluminium.
- The cassettes are powder coated.
- Perforated cassettes available.



COLOURED ALUMINIUM FLASHINGS

Aluminium resists corrosion because it oxidises in air and covers itself with a protective film. It conducts heat and electricity well and reflects light well. As a material aluminium is a higher grade product than steel sheet: more durable, longer lasting and harder. Its advantages include a low density of 2.7 g/cm3, light weight and relatively high strength. This combination makes aluminium one of the most important industrial raw materials. From aluminium sheet we make roof flashings of every kind, window sills, parapet copings, reveals, chimney and fence post caps, and trapezoidal sheet for chimneys, balconies and fences.

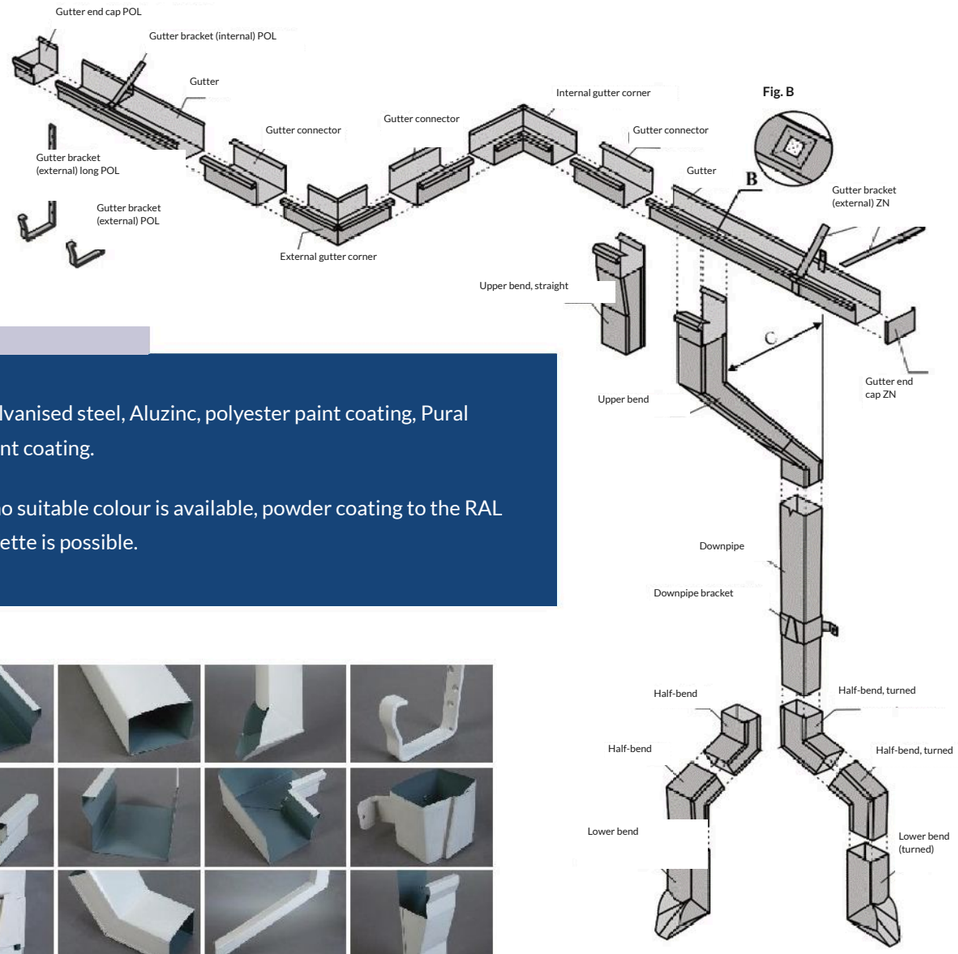


- Standard sizes or made to order.
- Perforated.
- Aluminium grade: AlMn1Mg0.5 AW 3005 H42, HD polyester coating 25 µm.
- Very good resistance to UV light (RUV 3).
- Very good corrosion resistance.
- Colours RAL 7021, RAL 8004, RAL 8019, RAL 9005, or powder coating in the colour of your choice.

> The advantages of aluminium and its alloys include a low density of 2.7 g/cm3, light weight and relatively high strength.

RECTANGULAR RAINWATER SYSTEM

Designed to protect buildings from moisture. A rainwater system carries melting snow and rainwater away from the roof, the walls and the foundations so that the structure stays as dry as possible. Rainwater systems suit different types of roof covering and are made from different materials:



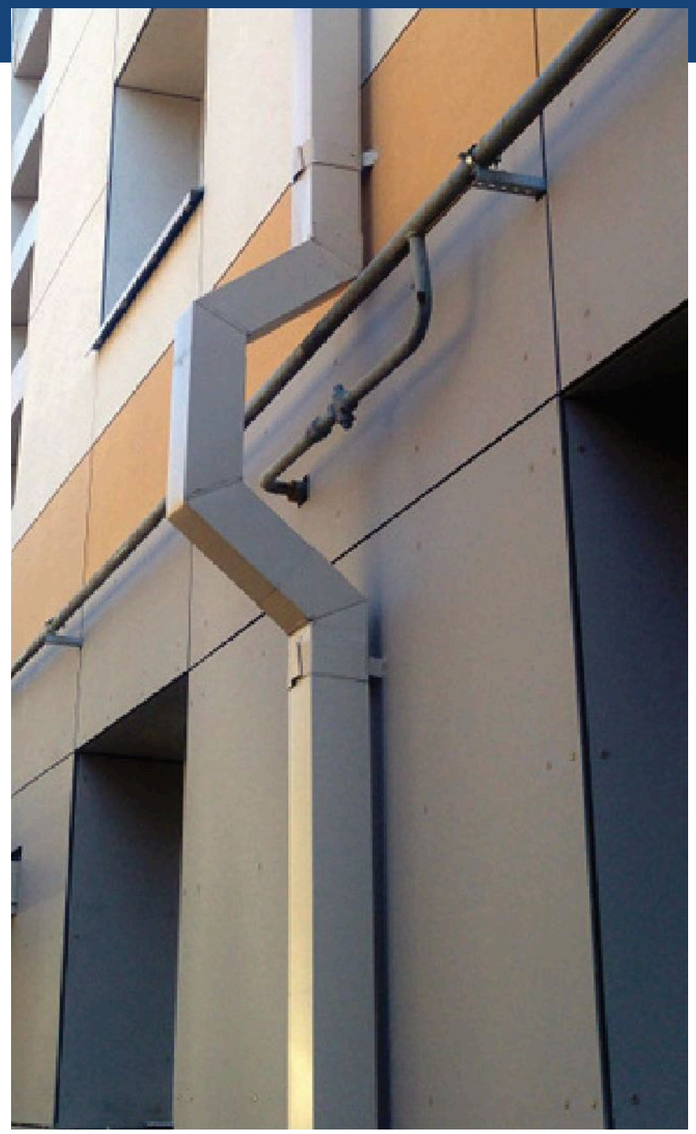
Galvanised steel, Aluzinc, polyester paint coating, Pural paint coating.

If no suitable colour is available, powder coating to the RAL palette is possible.

We can make any rainwater system in any colour, to sizes designed by the customer.

Standard sizes, mm:
Gutter / downpipe
60x80 / 60x80; 80x100 / 60x80; 105x135 / 85x115

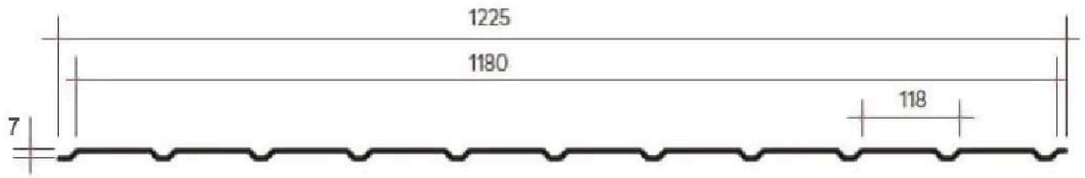
Non-standard sizes can be produced.
A high-capacity rainwater system.





Used on large pitched and flat roofs, on heritage buildings, and on public and industrial buildings.
Diameter to order (from 110 mm).

SOFFIT AND WALL TRAPEZOIDAL SHEET, PERFORATED OR PLAIN



T7 trapezoidal sheet can be used to clad a facade or a roof soffit. It is an economical and durable material, available in several coatings and a wide choice of colours, so it satisfies even the most demanding taste.





- T-7 trapezoidal sheet can be perforated, L min 650 mm, L max 4000 mm.
- Profile height: 7 mm.
- Sheet thickness: 0.45–0.50 mm.
- Effective cover width: 1180 mm.
- Overall sheet width: 1225 mm.
- Maximum length: 4000 mm.
- Minimum length: 650 mm.
- Colours: to the RR and RAL charts.

Z PROFILES



Galvanised steel DX51D+Z275, S320GD+Z275, S350GD+Z275.
Thickness up to 3 mm.
Standard height H 50–400 mm.
Standard lengths up to 12 m.
Non-standard lengths up to 3 m.
Thermo profiles available.

C PROFILES



Galvanised steel DX51D+Z275, S320GD+Z275, S350GD+Z275.
Thickness up to 3 mm.
Standard height H 70–400 mm.
Standard lengths up to 12 m.
Non-standard lengths up to 3 m.
Thermo profiles available.

U PROFILES



Galvanised steel DX51D+Z275, S320GD+Z275, S350GD+Z275.
Thickness up to 3 mm.
Standard height H 50–400 mm.
Standard lengths up to 12 m.
Non-standard lengths up to 3 m.
Thermo profiles available.

OMEGA PROFILES



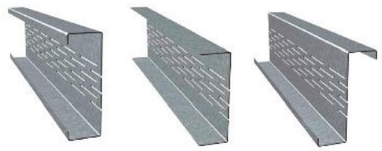
Galvanised steel DX51D+Z275, S320GD+Z275, S350GD+Z275.
Thickness up to 3 mm.
Standard height H 100–400 mm.
Standard lengths up to 12 m.
Non-standard lengths up to 3 m.
Thermo profiles available.

L PROFILES

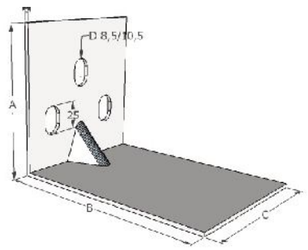


Galvanised steel DX51D+Z275, S320GD+Z275, S350GD+Z275.
Thickness up to 3 mm.
Standard sizes 50x50; 75x75; 100x100; 125x125; 150x150.
Standard lengths up to 12 m.
Non-standard lengths up to 3 m.
Thermo profiles available.

THERMO PROFILES



MOUNTING BRACKETS



Galvanised steel DX51D+Z275.
Thickness up to 3 mm.
Sizes to order.

ROUND RIDGE MANUFACTURE

A ridge flashing is used to cover the ridge of a gable roof. It is most often used on private houses, but it can also be installed on industrial buildings, farm buildings and warehouses. Its rounded shape gives the roof the look of a clay tile ridge.

A correctly installed ridge must provide the ventilation the roof needs and protect the ridge area from rain and snow. It is fastened to the roof covering with roofing screws. Ridge seals can be used in the set: they keep drifting snow out without affecting roof ventilation.



Technical data

Steel thickness: 0.45–0.5 mm.
Product length: 1.97 m; effective length: 1.89 m.

SERVICES

POWDER COATING

The surface of a metal product is coated with electrically charged polymer paint powder using a special gun. Electromagnetic force makes the powder stick to the metal in an even layer. The coated parts then go into an oven heated to 170–200 °C. Depending on the thickness of the metal and the properties of the powder, the product stays there for 10–30 minutes. At that temperature the powder melts and covers the metal with an even layer 0.04–0.120 mm thick. A powder coating is exceptionally resistant to mechanical wear (abrasion), UV light (fading), corrosion and chemicals. Because of these properties powder coating is widely used in the home, in architecture and in industry.



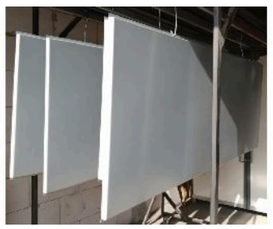
Environmentally friendly: the powder contains no toxic substances and the process uses no solvents, thinners or similar.

Long lasting: among the most colour-fast finishes there is, with a coating that stays on for years.

Highly resistant to cracking, scratching, chipping and fading.

Non-flammable.






SANDBLASTING, ABRASIVE CLEANING

Sandblasting is one of the most common ways of preparing metal. Its main purpose is to remove old paint, rust and other deposits and to give the surface the roughness that paint needs to bond well. A good surface preparation is essential if the paint is to last, which is why sandblasting is an inseparable part of the powder coating process.

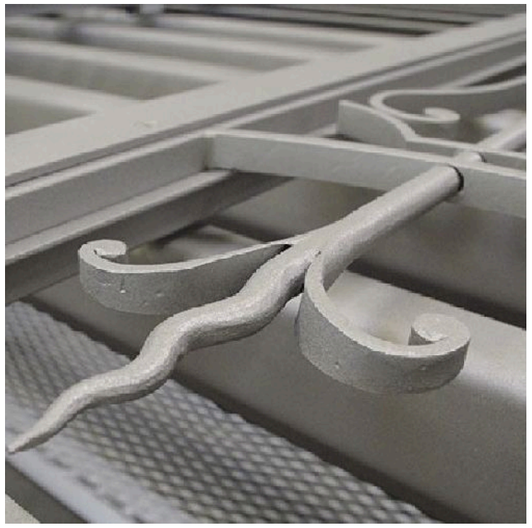


Better paint adhesion

THERMAL ARC ZINC SPRAYING



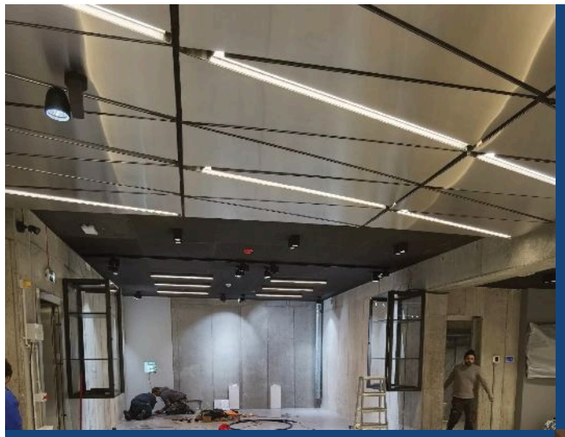
Zinc coating is applied by spraying molten 99.99 % pure zinc onto the surface of a metal product. The coating is not paint with zinc particles in it: pure 99.99 % zinc is melted and sprayed so that the metal is covered with a layer of solid zinc. There is no limit on the size of the steel structure.





Thermal arc zinc spraying causes no distortion of the structure.
No holes have to be drilled in closed sections.
A thermally arc-sprayed coating is 99.99 % zinc, which greatly improves the corrosion resistance of the surface.
There are no zinc runs.
Welds are covered evenly, with no extra build-up of zinc along the seam. The zinc surface is finely textured, which allows powder or industrial paint to be applied straight on top with no further preparation and gives very good adhesion.

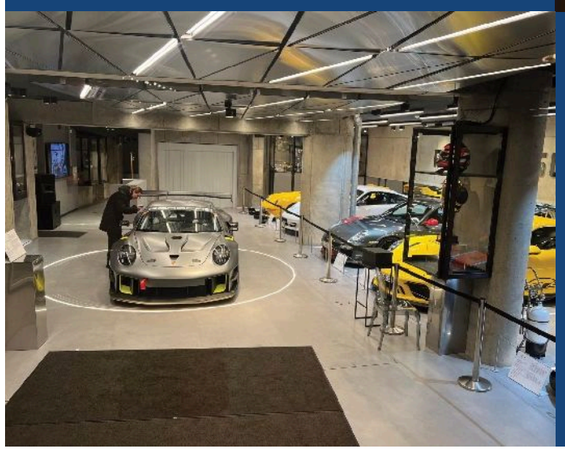
CUSTOM PRODUCT MANUFACTURE



We work with many materials:
steel, galvanised steel, aluminium, stainless steel, copper, Rheinzink, foodsafe, PVC and more.

Cutting out shapes and holes, perforating.





Welding of black steel products.
Welding of aluminium products.

LASER CUTTING OF METAL

Where it is used

Car manufacturing, machinery and equipment, electrical equipment, hotel kitchen equipment, lift equipment, advertising logos, car styling, sheet metal fabrication, lighting equipment, display equipment, precision parts, instrument components, metro fittings, cladding, textile machinery, food machinery, construction machinery, boats, tools, metallurgical equipment, aviation, aerospace and other manufacturing and processing industries.

Our laser cutting machines handle metal plate of all kinds, tube (with a special attachment), stainless steel, carbon steel, galvanised sheet, etching plate, brass plate, aluminium plate, manganese steel, alloy plate of every kind, rare metals and more.



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