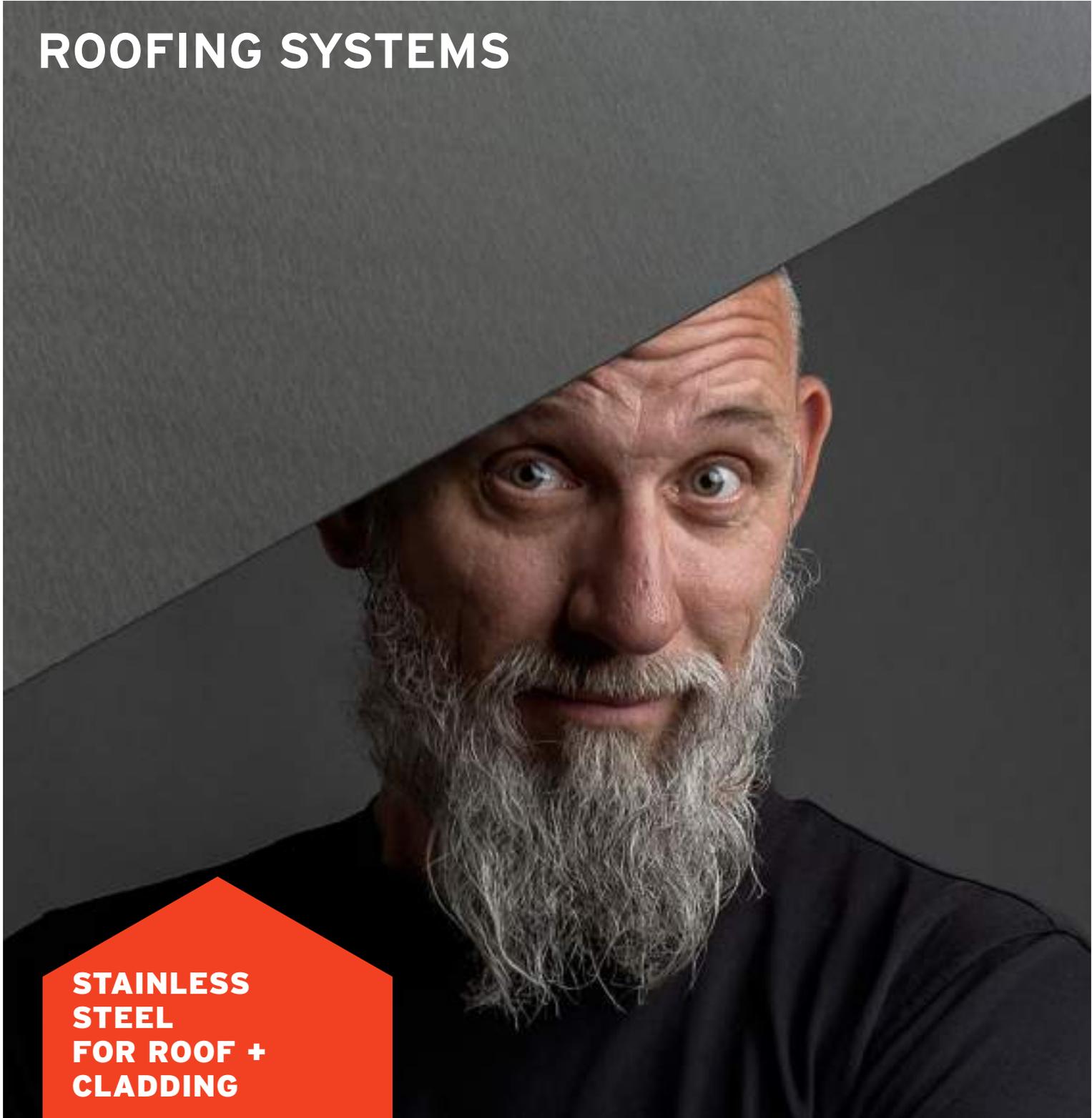


ROOFINOX[®]

ROOFING SYSTEMS



**STAINLESS
STEEL
FOR ROOF +
CLADDING**

Like no other

Haftungsausschluss and Copyright

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12

hard facts

1

Sustainable
like no other

2

Long-term
brilliance

3

Rust-free,
robust,
weather-
proof

4

Lasting
value and
secure

5

Best price-
performance
ratio

6

100%
natural

7

Storm and
hail-proof

8

Perfect for
renovations

9

Fits
everywhere

10

Maintenance-
free

11

Large
selection of
surfaces

12

Environmentally friendly
systems
like no other

The Stuttgarter Hütte (2,310 m above sea level) in Zürs, Vorarlberg, Austria, shows off the impressive strength and beauty of a roof made with Roofinox Plus.



Products

For ever and ever - The sheet roof made of Roofinox stainless steel is maintenance-free, durable and environmentally friendly. The finest protection for your home.

1 **ROOFINOX FOLDING TECHNOLOGY**

The traditional double standing seam roof



2 **ROOFINOX AXIS**

The designer roof covering



3 **ROOFINOX TARTAN**

The traditional rhomboid panel



4 **ROOFINOX METRO**

The modern roofing shingle



5 **ROOFINOX MANSARD**

The elegant rhomboid panel



6 **ROOFINOX DRAINAGE**

The complete system - made to last forever





Roofinox Foldin

Roofinox stainless steel sheets are ideal for standing seam technology. They have been developed specifically for this type of finishing. Roofinox will withstand any storm and offer you safety, security and peace of mind for years to come. The possible roof designs are endless.

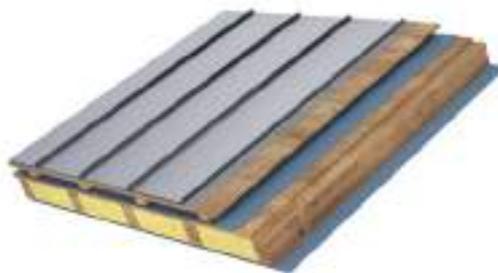
- 1 Tradition and character
- 2 Elegant, matt, natural
- 3 Keeps for years to come
- 4 100% maintenance-free

STANDING SEAM TECHNICAL DETAILS

Size in fitted area:
Panel width: 425 mm or 550 mm
Panel lengths: Lengths from 0.5 to 25 m are possible because of the particularly low thermal expansion of Roofinox stainless steel

Material: All Roofinox surfaces & alloys
Fastening: Covered, with stainless steel clips (Roofinox sliding and solid clips)
Subsurface: Full boarding, separating layer recommended
Two types available: Angle seam and double standing seam

Double standing seam: From 3°.
Please note country-specific standards and technical regulations
Weight:
Width 425 mm: 4.7 kg / m²
Width 550 mm: 4.5 kg / m²



ROOF CONSTRUCTION



SINGLE PANEL



g technology

Roofinox double lock standing seam.
The traditional metal roof.



The most traditional among metal roofs - and for good reason. The double lock standing seam is well-established in traditional craftsmanship and stands for the highest level of workmanship. A clear, linear structure is produced by the double standing seam. The very lean profile is suitable for both traditional and modern architecture, and different visual effects can be achieved by changing the width.



Experience modernity with all the benefits of traditional craftsmanship. Today, aesthetics and design don't end with the roof, but instead encompass the entire building in a bold statement. Inside and outside, top and bottom, and very much your home.



Roofinox Axis is the design profile in the style of new objectivity. Axis reveals modern characters and surprising effects - the irregular profiles of the sheets ensure the interaction between light and color. Extensively covered, Axis creates a wavy appearance with a flowing visual effect for representative, exciting buildings.

Roofinox

Axis

Roofinox Axis.
The designer roof covering.

THE ORIGINAL
SINCE 2007



Bildmontage

- 1 The designer profile for modern roofs
- 2 Exciting light and shade effects
- 3 For distinctive, unique buildings
- 4 100% maintenance-free
- 5 Sustainable like no other

AXIS TECHNICAL DETAILS

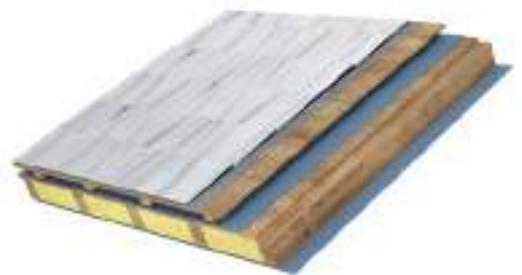
Size in fitted area:
Axis 56: 562 x 2437 mm
Axis 56s: 562 x 1219 mm

Material: All Roofinox surfaces & alloys
Fastening: Covered, with stainless steel clips
(Roofinox sliding clips)

Subsurface: Full boarding > 24 mm, separating
layer recommended, from a normal snow load of
3.25 kN / m² (CH: Altitude 925 m above sea level)
or in the terrain categories 0, I or II, a bitumen
separating layer is required

Roof incline: From 25° (approx. 47%)
Please note country-specific standards and
technical regulations

Weight:
Axis 56: 4.5 kg / m²
Axis 56s: 4.6 kg / m²



ROOF CONSTRUCTION



SINGLE PANEL



A robust shell taken from nature that forms a protective layer around your home. A roof covered with Tartan has an organic and friendly effect and provides a clear, simple design. For people who value tried and tested designs in a contemporary form.

- 1 Tradition with a modern interpretation
- 2 Attractive, scale-like appearance
- 3 100% maintenance-free
- 4 Sustainable like no other

TARTAN TECHNICAL DETAILS

Size in fitted area: 437 x 437 mm (W x L)

Material: All Roofinox surfaces & alloys
 Fastening: Covered, with stainless steel clips (Roofinox sliding clips)
 Subsurface: Full boarding > 24 mm, separating layer recommended, from a normal snow load of 3.25 kN / m² (CH: Altitude 925 m above sea level) or in the terrain categories 0, I or II, a bitumen separating layer is required

Roof incline: From 25° (approx. 47%)
 Please note country-specific standards and technical regulations
 Weight: 5.2 kg / m²



ROOF CONSTRUCTION



SINGLE PANEL



Roofinox

Tartan

Roofinox Tartan.
The traditional rhomboid panel.



Roofinox Tartan is the modern interpretation of a traditional design. With its scale-like overall appearance, this roof covering is reminiscent of centuries of established metal working tradition, yet it has much more to offer in terms of weather resistance, durability and design freedom.



A striking, versatile panel that complements every building style. With its modern look and feel, the Metro rhomboid panel easily adapts to different designs, both traditional and progressive.

- 1 Modern, large rhomboid panel
- 2 Dynamic roof surface structure
- 3 For contemporary architecture
- 4 100% maintenance-free
- 5 Sustainable like no other

METRO TECHNICAL DETAILS

Size in fitted area:
Metro: 270 x 443 mm (W x L)

Material: All Roofinox surfaces & alloys
Fastening: Covered, with stainless steel clips (Roofinox sliding clips)

Subsurface: Full boarding > 24 mm, separating layer recommended, from a normal snow load of 3.25 kN / m² (CH: Altitude 925 m above sea level) or in the terrain categories O, I or II, a bitumen separating layer is required

Roof incline: From 25° (approx. 47%)
Please note country-specific standards and technical regulations

Weight: 5.6 kg / m²



ROOF CONSTRUCTION



SINGLE PANEL



Bildmontage

Roofinox

Metro

Roofinox Metro.
The modern rhomboid panel.



The ideal choice for the modern builder. The parallel diagonals in the rhomboid panel create a dynamic surface structure, and changing light conditions produce a vibrant effect depending on the position of the sun. Roofinox Metro is also used when a specific alignment is required. Used over a large area, Metro paints a homogeneous yet dynamic picture.



The small pointed rhombi are modern, elegant, and cover entire roofs with delicate scales, protecting the entire building with their combined strength. Designed down to the last detail, the Mansard rhombus frames dormers, gables and balustrades particularly gracefully.



The pointed design of the Roofinox Mansard rhomboid panel creates an extraordinarily elegant look - the different effects in modern and traditional architecture are exciting. The Mansard rhombus is particularly valued because of its overall textile-like structural appearance. As a result of the partial use of the pointed rhombus, parts of buildings are attractively emphasized and made more accessible, creating a homogeneous, finely structured image over a large area.

Mansard

Roofinox Mansard.
The elegant rhomboid panel.



Bildmontage

- 1 Refined, elegant roof design
- 2 Has different effects in modern and traditional architecture
- 3 Also ideal for emphasizing individual parts of buildings
- 4 Creates a homogeneous, finely structured image over a large area

MANSARD TECHNICAL DETAILS

Size in fitted area: 247 x 247 mm (W x L)

Material: All Roofinox surfaces & alloys
Fastening: Covered, with stainless steel clips (Roofinox sliding clips)

Subsurface: Full boarding > 24 mm, separating layer recommended, from a normal snow load of 3.25 kN / m² (CH: Altitude 925 m above sea level) or in the terrain categories O, I or II, a bitumen separating layer is required

Roof incline: From 25° (approx. 47%)
Please note country-specific standards and technical regulations
Weight: Mansard: 6.2 kg / m²



ROOF CONSTRUCTION



SINGLE PANEL

R.SYS

Extremely durable, practically maintenance-free and simply stunning: The complete roof drainage system from Roofinox

Well-planned drainage permanently protects the building from water damage. Roofinox stainless steel gutters and pipes withstand wind and storm, are completely rust-free, and are also algae and root-proof. As a result, you can live securely and comfortably all year round and for years to come.

Roofinox drainage protects your house. Like no other.

The best part is that Roofinox stainless steel is extremely good for the environment. There is no detectable particle erosion and the steel does not react with water at all. Even the production of Roofinox stainless steel uses more than 85% recycled material, and it is ultimately 100% recyclable.

Roofinox drainage: sustainable and environmentally-friendly. Like no other.



More information can be found in the "Roofinox Drainage" brochure.

R.SYS delivery program

 Leader head	 Gutter hook round	 Box Miter round	 Half-round gutter	 Endcap globe	 Square downspout	
 Leader head round	 Roof downspout	 Elbow 72°	 Box-shaped funnel	 Rainwater flap with		
Just a small excerpt of our wide range of products and accessories.		All parts are available in traditional round and in box form.		 Endcap half-round	 Box-shaped gutter expansion	 Box-shaped



For more information, go to www.roofinox.com

Roofinox Acoustic is the perfect noise insulation for your home

Intelligent buildings take all factors into account: Noise protection is an important point for living comfort and coziness, as some people are bothered by the noise of pouring rain on the roof and facade. Traffic noise should ideally remain outside as well.

This is why we have developed the Roofinox Acoustic soundproofing film - noise insulation for a peaceful home. Test results are especially impressive in the mid-frequency range where the human ear is particularly sensitive, with Roofinox Acoustic achieving noise reduction of minus 15 decibels.

Material

1 Roofinox stainless steel - The material

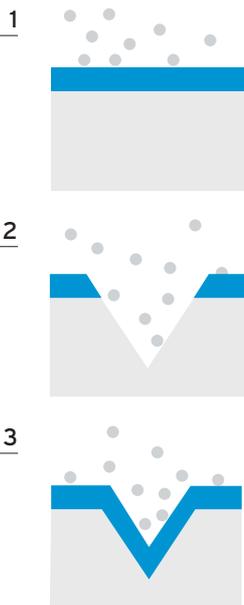
A material for roofs and facades, Roofinox stainless steel is nothing less than the evolution of the building envelope. It has been specially developed for use on roofs and facades, and it is unbeatable in terms of durability, practically maintenance-free and good for the environment - allowing you to live carefree for years and years. Roofinox stainless steel fulfills the highest aesthetic demands and retained its stunning look for generations.

2 Roofinox - The epitome of durability

Roofinox stainless steel really is the epitome of durability - just think of the famous pointed roof in the Chrysler Building, which was finished in 1930 and still looks spectacular. The forerunner of the Roofinox stainless was used here.

3 Roofinox - The pinnacle of sustainability

Roofinox stainless steel even protects the environment while being produced: With the smallest CO₂ footprint on the market and comprising of more than 85% recycled material, there is hardly another material with a smaller environmental footprint. The material itself is up to 100% recyclable by the end of its use, which reduces your impact on the next generation.



Passive layer
 Roofinox stainless steel
 Oxygen

For those of you who want to know what Roofinox stainless steel is:

Roofinox stainless steel is a rust-free stainless steel that has been developed specifically for roofs and facades. This means it has certain properties that simplify processing on the building. For example, it is softer than standard stainless steel and easier to solder. Roofinox's corrosion resistance is due to a chemical reaction: Because of the chromium content in the stainless steel alloy and in combination with oxygen in the air or even water, a wafer-thin passive layer forms on the surface.

(1) This guards against aggressive substances and ensures that Roofinox stainless steel is rust-free. But is also possible for external effects to damage the stainless steel, resulting in the onset of rust (2). However, this is not a problem because the medium that causes the rust can usually be cleaned and removed. This is the advantage of stainless steel: (3) When the medium in question is removed, the passive layer quickly reforms from the matrix of the stainless steel. The component is fully functional again. The corrosion resistance is primarily created by the chromium content. An increase in corrosion resistance can be achieved using nickel and molybdenum, but also other alloy elements. There are a large variety of rust-free stainless steels on the market today that are tailored to specific applications in very specific alloy variants.



If you have any questions about where to use which stainless steel, get in touch. Roofinox has every relevant stainless steel type in its portfolio.

Roofinox Acoustic is the perfect noise dampener for sheet roofs, facade elements, dormers, metal window sills and covers.

Roofinox Acoustic is also suitable for aluminum and copper.



More information is available at www.roofinox.com/Acoustic



1 Roofinox Classic
The modern
stainless steel
design: brushed

- Elegant brush matte finish for architecture
- Brushed look ensures a textile feel
- Many possible applications due to its mechanical properties
- Special light distribution makes for a more matt finish
- Very low degree of reflection
- Elegant brush matte finish for architecture with brushed stainless steel

2 Roofinox Pearl
The elegant
stainless steel
design: bead-blasted

- Silky non-directional surface structure
- Bead-blasted with specially developed blasting material
- Super matte appearance
- Incredibly unique feel
- Silky non-directional surface structure

3 Roofinox Plus
The distinctive
stainless steel
design: ribbed

- Ribbed surface through positive / negative embossing
- Visibly stunning character close up
- Particularly smooth look from a distance
- High material strength, dents less visible
- Excellent structural properties
- Potential cost savings of 20%



Designs

Like no other.

4 **Roofinox Tin Matte**
The patina
stainless steel
design: matt tin-plated

Natural weathering and patination

Elegant shades of gray

Makes a perfect match with wood because both weather naturally

Ideal for all roof types, for cladding only if uneven patination is requested

5 **Roofinox Chroma**
The mirror
stainless steel
design: mirror-rolled

For extraordinary architecture and bold designs

Sensational mirror effect

Specifically developed for external use

Very high color fastness for long-lasting, vivid aesthetics

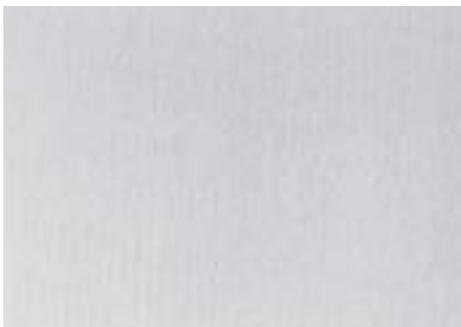
6 **Roofinox Spectra**
The colorful
stainless steel
design: pigmented

All the positive features of stainless steel in beautiful, natural color tones

No clumsy coloration of the aesthetic natural material, but rather gentle pigmentation

The attractive stainless steel surface structure of the brushing is retained

Available in two earth tones, Volcano and Sedona



Roofinox.
Like no other.

Roofinox Classic, grid facade,
Hongler Kerzen AG, Altstätten, Switzerland



Roofinox Pearl, double standing and angled seam, Säntis valley station
and hotel at Schwägalp (1370 m above sea level), Switzerland



Roofinox Tin double lock standing seam roof,
detached house H, in Oberstdorf, Germany



Roofinox Plus, double lock standing seam roof,
property O.F. Plüderhausen, Germany

ROOFINOX[®]
Like no other.

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