



# COMAX ROOFS®

*Finishing your Beautiful Home*



ISO 9001  
ISO 14001  
OHSAS 18001  
ISO 50001  
IATF 16949



We manufacture modern sheet metal roofing that we coat ourselves, with a traceable "pedigree" of quality.



COMAX ROOFS® offers a comprehensive range of sheet metal products (roofing sheets, accessories, and fasteners) for roofing pitched roofs and façades. Sheet metal roofing products by COMAX® are exceptional due to the many years of experience in sheet metal surface treatments by coil-coating, which gives the roofing special aesthetic and functional properties. STŘECHY COMAX® is a reliable partner of distributors, craftspersons, investors, and final users of buildings, and offers many other professional services in addition to several types of modern sheet metal roofing products.

### WHAT WE OFFER:

- **WIDE RANGE OF ROOFING SHEETS** with several types of surface finish and a wide selection of over 600 colour shades.
- **ALL ROOF ACCESSORIES**, including safety features.
- **GUTTER SYSTEM** with natural and coated design optimised for your building.
- **FACADE ELEMENTS** - high-quality metal sheeting that will protect and beautify your building.
- **ROOF FASTENERS** tested through exposure tests in foreign accredited centres.
- **CUSTOM SPLITTING** of coated and natural sheet metal to 6 m long and 1,540 mm wide panels.
- **CUSTOM REWINDING** of large coils to small coils up to 1 tonne and 1,250 mm of width.
- **CUSTOM BENDING** of roofing elements made of coated or natural sheet metal up to 6 metres of length.
- **CUSTOM PAINTING** with a colour of your own choice for any surface type, starting from 400 m<sup>2</sup>.
- **EMBOSSING (Stucco)** uniquely removes any unwanted gloss and reinforces the material.
- **TREATMENT OF CUSTOMER'S MATERIAL** if it has suitable technical properties.
- **HELP FOR ROOFERS** - we can complete a profile for machine-seaming on-site using coils and cuts.
- **LAYOUT PLAN FOR FREE** including accessories for proper functioning of the roof cover.
- **PROFESSIONAL CONSULTING** by experienced roofers and engineers.
- **SHIPPING** within 15 business days from the customer's confirmation of the layout plan.

### GUARANTEES BASED ON EXPERTISE AND QUALITY:

- **EXPERIENCE** in modern coil-painting of sheet metal, state-of-the-art technological procedure, and precision manufacturing process give COMAX roofing products the best quality and a guaranteed lifespan of up to 75 years.
- **PROFESSIONAL TESTS** of roofing including exposition tests in foreign accredited laboratories demonstrate the quality of coated products by COMAX and their UV, corrosion, and chemical resistance.
- **PROFESSIONAL EDUCATION** of salespersons and engineers at STŘECHY COMAX allows us to follow the new trends in roofing and maintain our highly professional know-how.
- **WE EDUCATE OUR BUSINESS PARTNERS AS WELL** (available only in the Czech Republic): We are a member of several professional organisations, under which we (or under patronage of which) we hold practical training sessions for construction companies and professional seminars for salespersons and project planners.
- **COMAX SHEET METAL ROOFING IS 100% RECYCLABLE**, and the manufacturing process is environmentally friendly.



CZECH



TRADITION



COLOR FASTNESS



FLEXIBILITY



RECYCLABILITY



COMPATIBILITY



FAIR PLAY

# COMAX BoCo 330

## ROOFING SHINGLE - SMALL FORMAT

USABLE FOR PITCHED ROOFS WITH AT LEAST 22° PITCH

LAYING ON FULL PLANK/OSB DECKING

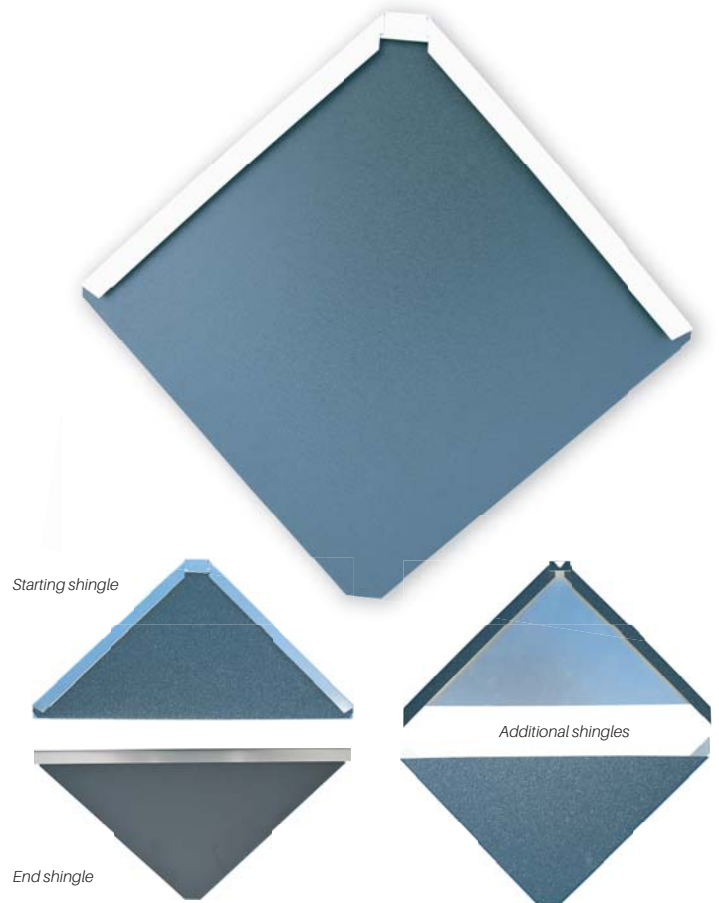
OPTIMUM LIGHTWEIGHT ROOF COVER - UP TO 3 kg/m<sup>2</sup>

INDIRECT FITTING USING SYSTEM STAINLESS STEEL CLIPS (A CONCEALED DETAIL)

The classic shape of sheet metal shingles is suitable for roofs and façades of modern and romantic buildings of all purposes and sizes. These may be both, small garden buildings and chateaus or sports halls.

The obliquely oriented square shingle is a historically proven universal shape of the small-format shingle and resembles fish scales. **BoCo 330** is an evolution of this shape. It is not just about the material, but about the finish and touch-ups as well. The machine treatment made the production more precise, less expensive, and enabled a new way of fitting the roofing. The **COMAX BoCo 330** shingle is fitted using a single system stainless steel clip in its upper corner, making the roofing measurement easy and precise. Together with the retaining clip in the bottom corner, it contributes to the compact design of the roofing. Smooth unembossed BoCo shingles can be shaped and adapted to the pitch of the roof or facade section. Besides the classic cylindrical areas, domes, and towers, **COMAX BoCo 330** is suitable for roofing convex and concave surfaces.

The appearance of the designer roofing is largely determined by the surface colour and texture. This is where **COMAX ROOFS®** offers architects and project planners a wide range of possibilities thanks to the coil-coating line.



## OUR TIP

Designer roofing is offered with an optimal human scale. A classic shape of a dome or tower can be roofed with machine-manufactured shingles without having to change their format by simply combining it with the covering. This simple trick is in no way a recent invention and can be seen on the roofs of prestigious buildings of past centuries.

### STANDARD SHADES ON STOCK - COMAX BoCo 330

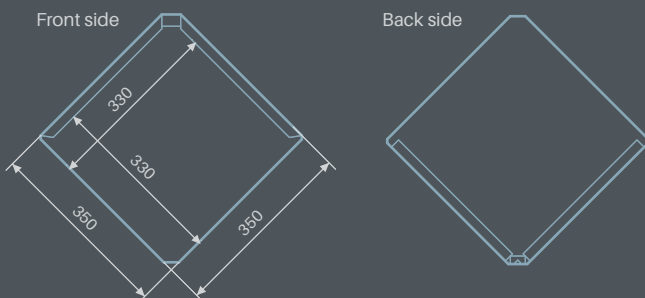
### WARRANTY

AI PES MATT	3009	3011*	7016	8004*	8017*	9005*	9007	50 years
	(in stock)		(in stock)				(in stock)	

\* shades on demand

## Technical data:

	COMAX BoCo 330
Material	Al
Material thickness	0,7 mm
Effective width of shingle	330 x 330 mm
Consumption in m <sup>2</sup>	9,18 pcs
Minimum pitch	22°
Packing (box)	22 pcs = 2,396 m <sup>2</sup>



# COMAX KLIK 25, 38

USE FOR A PITCH DOWN TO 5 DEGREES

EASY ASSEMBLY - SIMPLE "CLICK" OF PANELS

HIDDEN FITTING USING WAFER HEAD SCREWS

AVAILABLE WITH DECORATIVE SWAGE OR WITHOUT

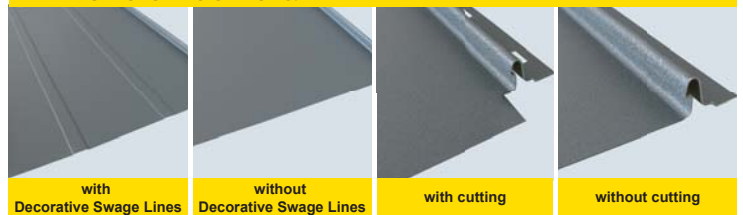
GUARANTEE UP TO 75 YEARS

We present the **COMAX KLIK** roofing system, which nowadays thanks to the shape and variability of the appearance is a very desirable solution for covering the surfaces of roofs and facades of all types of buildings. This standing seam roofing features a simple and fast assembly that does not require a high level of craftsmanship. Thanks to the easy fit system that simply involves snapping one connection over another, it can effectively reduce the assembly costs. The fittings are completely hidden under the roofing, when the first sheet is fastened and the second one simply covers and snaps over the wafer head screws. For higher altitude areas with an altitude above 600 m.a.s.l. it is advisable to use a **COMAX KLIK 38** profile that will secure the roof against the possibility of rising rainwater from any snow that may fall.

The roofing is produced according to the assembly plan, tailor-made to the roof, with all sheets supplied cut exactly to length, meaning minimal wastage. COMAX KLIK is suitable for wall cladding, and can be used on the roof down to a minimum pitch of 9 degrees. The roofing is laid on a plank-decking, or solid OSB type decking, or in the case of a steel variant, on a 40 x 60 mm battens, with respect to the roof pitch, purpose, and location of the building. In order to ensure the proper functionality of the roof we supply all standard and non-standard flashings elements and fastenings.



## MANUFACTURING OPTIONS:



## OUR TIP

### ALUMINIUM CORE KLIK SHEETS WITH PVDF COATING

**PVDF** - Surface treatment with great protection against UV radiation and demanding weather conditions. It is a 37 µm organic coating up to three layers applied to an aluminium substrate. This roofing is laid on full plank decking, or solid OSB type decking. After the end of the life cycle, the roofing is 100% recyclable, and its use does not increase the burden on the environment. Fitting guide available in the Download section of our website - [www.comaxroofs.eu](http://www.comaxroofs.eu)

### STANDARD SHADES ON STOCK - COMAX KLIK 25 + 38

### WARRANTY

FeZn PES GLOSS 0,50	3009		7016	8004	8017	8019K	9005	9006		20 years
FeZn PES MATT 0,50	3009		7016		8017					20 years
FeZn PUR/PA 0,55	3009		7016		8017	8019K	9005			40 years
Al PES GLOSS 0,70		3016	7016		8017	8019K				50 years
Al PES MATT 0,70	3009	3011	7016	8004	8017	8019K	9005	9007	Dunkelgrau	50 years
Al PVDF 0,70			7016	8004	8017					75 years
Al PUR/PA 0,70	3009		7016		8017		9005			75 years

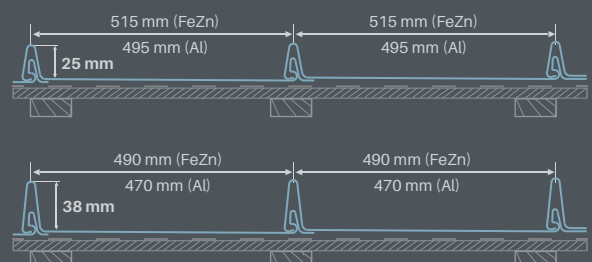


COMAX KLIK

## Technical data:

	KLIK 25 mm		KLIK 38 mm	
	FeZn	Al	FeZn	Al
Material thickness	0,5 - 0,55 mm	0,7 mm	0,5 - 0,55 mm	0,7 mm
Effective width of profile	515 mm	495 mm	490 mm	470 mm
Height of profile	25 mm	25 mm	38 mm	38 mm
Minimum length	850 mm	850 mm	850 mm	850 mm
Maximum length	8 000 mm	8 000 mm	8 000 mm	8 000 mm
Min. pitch without connection	* 5°	* 5°	14°	14°
Min. pitch with connection	15°	15°	20°	20°

\* Guarantee of roofing - for 5° - 8° warranty a supplementary form is required



# COMAX FALC

- USE FOR A PITCH DOWN TO 4 DEGREES
- HIDDEN FITTING USING STAINLESS CLIPS
- OUTSTANDING PERFORMANCE IN DEMANDING ENVIRONMENTS
- GUARANTEE UP TO 75 YEARS

Sheet metal folding is one of the oldest techniques for covering pitched roofs, usually fitted by skilled craftsmen. Pre-painted **COMAX FALC** coils have a suitable usability of down to 4 degrees. They are perfectly formable for complicated roofing details and are also safe for all types of pitched roofs. These qualities are well-evident in many historic buildings, where original roofing is still present after many years. The coating, as well as the alloy suitable for folding, has undergone significant development and modernization in the last decades. Their premium quality meets the most demanding conditions of the European market and extends the roofing warranty up to 65 years. Coils intended for folding are also available to be recoiled and shipped according to the customer's request.

The **COMAX FALC 25** roofing can be tailor-made according to the roof plan. Subsequently, the material is shipped along with the roofing accessories to the site where it is processed. The roofing is then fastened to the full plank decking with fixed and sliding clips made of stainless material (this is a hidden detail). Then it is manually or mechanically seamed by folding the 2 seams together.



## OUR TIP

### ALUMINIUM CORE FALC WITH TEXTURED (+EMBOSSED) SURFACE FINISHING

Unique aluminum alloy designed to fold single or double standing seam of **COMAX FALC** with a matt surface finishing resistant to mechanical damage. Thanks to its elasticity, this aluminum material does not crack and is very formable at the same time. The textured finishing is resistant to abrasion, which most often occurs when handling and laying the roofing. **EMBOSS (STUCCO)** - a supplemental surface treatment of aluminium material that resembles an orange peel, adds a higher strength to the COMAX FALC 25 roofing and minimizes the optical corrugation of the standing seam roofing in general. After the end of the life cycle, the roofing is 100% recyclable, and its use does not increase the burden on the environment.

### STANDARD SHADES ON STOCK - COMAX Falc

STANDARD SHADES ON STOCK - COMAX Falc										WARRANTY	
FeZn PES GLOSS 0,50	3009		7016	8004	8017	8019K	9005	9006			20 years
FeZn PES MATT 0,50	3009		7016		8017						20 years
FeZn PUR/PA 0,55	3009		7016		8017	8019K	9005				40 years
Al PES GLOSS 0,70	mill finished		3016	7016	8017	8019K					50 years
Al PES MATT 0,70	3009	3011		7016	8004	8017	8019K	9005	9007	Dunkelgrau	50 years
Al PES MATT+Stucco 0,70	*	*		7016	*	8017		*	*	*	45 years
Al PVDF 0,70				7016	8004	8017					75 years
Al PUR/PA 0,70	3009		7016		8017			9005			75 years

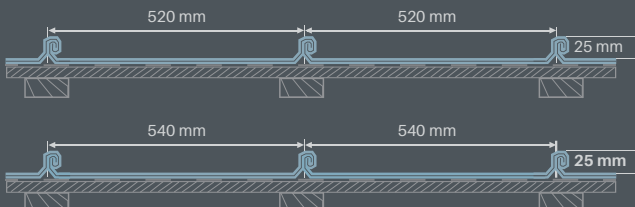
\* Stucco over 200 sqm up to 3 weeks



## Technical data:

Material	FeZn	Al
Material thickness	0,50 - 0,55 mm	0,70 mm
Input coil width	620 mm	600 mm
Parameters of the profiled standing seam roofing COMAX FALC 25:		
Height of profile	25 mm	25 mm
Effective width of profile	540 mm	540 mm / 520 mm
Minimum length	600 mm	600 mm
Maximum length	* 10 000 mm	* 10 000 mm
Minimum pitch	4°	4°

\* Possibility of profiling up to a length of 15 m; in case of additional measures - according to the installation instructions



COMAX FALC

# COMAX TILE MAXI

USE FOR A PITCH DOWN TO 14 DEGREES

EASY AND FAST FITTING

LIGHT WEIGHT - FROM 1,8 kg/m<sup>2</sup>

This versatile sheet metal roofing combines the durability of steel or aluminum with traditional aesthetics. The roofing resembles a traditional pantile, with many benefits on its side. It is suitable for new buildings and reconstructions of family houses, roofing of industrial buildings and civic buildings. Thanks to its usability from the roof pitch of 14 degrees, it is also used for modern bungalows with a simple nailed truss, which is problematic for many types of roofing. With its weight, which is up to 20 times lower than classic pantiles, it can lower the supporting structure budget by using lower weight trusses and purlins. Also, it reduces load to substructure in cases of refurbishment of older buildings, thus extending its lifetime.

COMAX ROOFS® offers COMAX TILE large-format sheets made of galvanized steel or aluminum sheet with high quality surface finishing. There are several types of surface treatment with a choice of shades from our standard range, or any shade according to RAL swatch for orders over 400 m<sup>2</sup>. Varnished roofing with a guarantee for up to 60 years.



## OUR TIP

### ALUMINIUM TILE WITH TEXTURED/EMBOSSSED SURFACE FINISHING

This beautiful finish is the aluminum COMAX TILE Textured / Embossed (STUCCO), which features high resistance to weathering and corrosion. The roofing is made of an alloy that influences the shaping and expansion of the metal sheet. Thanks to these material qualities, we provide guarantee up to 45 years for this roofing. The combination of the embossed design and the textured surface adds a unique look to the roof and the TILE roof panel overtakes traditional heavy roofing. Surface finishing breaks the sun's rays so that there is no unpleasant glossy roof effect. After the end of the life cycle, the roofing is 100% recyclable, and its use does not increase the burden on the environment.

### Fastenings guarantee:



#### FASTENINGS FOR GALVANISED ROOFING

Carbon steel screw  
Surface treatment: Zinc, 50 µm powder coating  
+ EPDM pad

20  
years  
Guarantee

#### FASTENINGS FOR ALUMINIUM ROOFING

Bimetal screw  
Surface treatment: 50 µm powder coating  
+ EPDM pad

50  
years  
Guarantee

### STANDARD SHADES ON STOCK - COMAX Tile MAXI

### WARRANTY

FeZn PES GLOSS 0,50	3009	3009K	3011	5010			7016		8004	8017	8019K	9002	9005	9006		9010	20 years		
FeZn PES GLOSS 0,55 XL	3009	3009K			6005		6020	7001	7016	7037	8004	8017	8019K		9005	9006		9010	20 years
FeZn PES GLOSS 0,60 XXL	3000	3009		5010		6011			7016				9002		9006	9007	9010	20 years	
FeZn PES MATT 0,50	3009								7016		8004	8017			9005				20 years
FeZn PUR/PA 0,50	3009								7016			8017			9005				40 years
Al PES MATT+Stucco 0,60	3009		3011						7016		8004	8017			9005				45 years
Al PES MATT 0,70	3009								7016			8017			9005				50 years



COMAX TILE MAXI

### Technical data:

Material	FeZn	Al	Al+Stucco
Material thickness	0,50 - 0,55 mm	0,70 mm	0,60 mm
Effective width of profile	1 120 mm	1 120 mm	1 120 mm
Minimum length TILE MAXI	840 mm	840 mm	840 mm
Maximum length TILE MAXI	7 000 mm *	4 500 mm	4 500 mm
Minimum pitch	14°	14°	14°

**Guarantee of fastenings** up to 50 years up to 50 years up to 50 years

For secure fitting, we supply hexagonal head screws equipped with an EPDM pad that have endured a challenging aging process in our salt fog machine in our laboratory. The tests have shown they are high durability comparable to our roofing, thanks to which we guarantee a lifetime up to 50 years.

\* After consultation, possible maximum length of TILE MAXI 8,000 mm



# COMAX ALUKRYT® 444, 888

USE FOR A PITCH DOWN TO 14 DEGREES

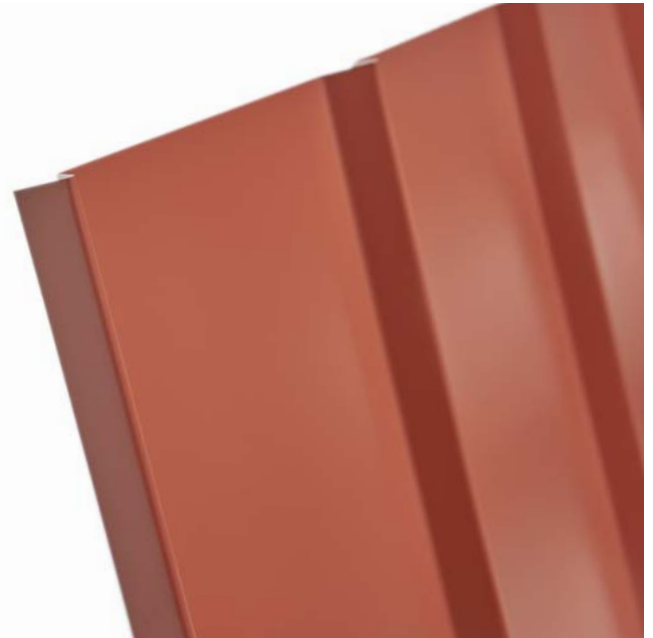
CZECH TRADITIONAL ALUMINIUM ROOFING

COMPATIBILITY OF THE SMALL AND LARGE FORMAT

**ALUKRYT®**, a traditional Czech roofing, goes through the second innovation within **COMAX ROOFS®**. The popular small-format roofing sheets have received a new coat - a high-quality multi-layered long life coating and larger format. These innovations are made from a small-format template to become a full-featured, modern, large-format roof covering.

**ALUKRYT® 444** and **ALUKRYT® 888** sheets are manufactured in aluminum version for **COMAX ROOFS®**. Panels are laid on plank full decking and nailed by non-corroding screws with an EPDM pad (more in installation guide).

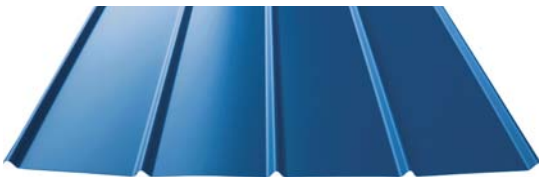
For **ALUKRYT®** roofing, we supply all standard and non-standard flashings elements in the material and color of the roofing.



COMAX ALUKRYT® 444



NEW FORMAT - COMAX ALUKRYT® 888



## OUR TIP

### NEW LARGE FORMAT ROOFING COMAX ALUKRYT®

The new profiling line for the **COMAX ALUKRYT®** endless profiled sheet produces an innovative solution for the rugged roof and facade. The **ALUKRYT®** standard metric sheet, which began in the 1970s, is now compatible with the new large-format profile. It is now possible to combine systems effectively on rugged roofs and facades to reduce the cost of fitting. It is now possible to supply the exact trimmed roofing according to assembly plan. After the end of the life cycle, the roofing is 100% recyclable, and its use does not increase the burden on the environment.

### Fastenings guarantee:



#### FASTENINGS FOR GALVANISED ROOFING

Carbon steel screw  
Surface treatment: Zinc, 50 µm powder coating  
+ EPDM pad

**20**  
years  
Guarantee

#### FASTENINGS FOR ALUMINIUM ROOFING

Bimetal screw  
Surface treatment: 50 µm powder coating  
+ EPDM pad

**50**  
years  
Guarantee

### STANDARD SHADES ON STOCK - COMAX Alukryt® 444 + 888

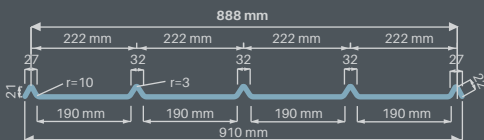
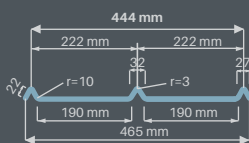
#### WARRANTY

AI PES GLOSS 0,60 mill finished **3016 7016 8017 50 years**

### Technical data:

	ALUKRYT® 444	ALUKRYT® 888
Material	Al	Al
Material thickness	0,6 mm	0,6 mm
Height of profile	21 mm	21 mm
Effective width of profile	444 mm	888 mm
Min. pitch without connection	14°	14°
Min. pitch with connection	30°	14°

Guarantee of fastenings up to 50 years up to 50 years



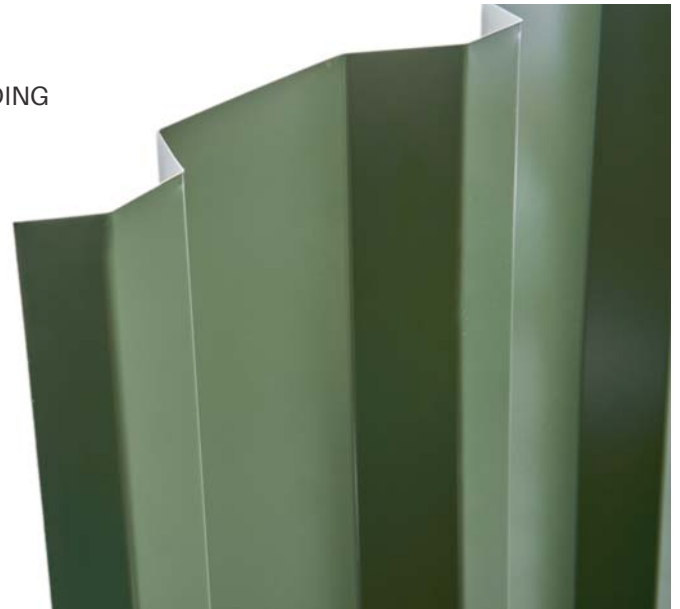
COMAX ALUKRYT®



# COMAX TRAPEZE 18/136

# COMAX TRAPEZE 35/207

USE FOR A PITCH DOWN TO 8 DEGREES OR FOR VERTICAL CLADDING  
 NON STANDARD SHADES POSSIBLE ON ORDERS OVER 400 m<sup>2</sup>  
 LAYING ON BATTENS, OR FULL DECKING  
 ANTICON FLEECE AVAILABLE IF REQUIRED



**COMAX TRAPEZE** coated and mill finished trapezoidal sheets are among the traditional building elements that are used primarily to cover larger roof areas and as a cladding of industrial, or agricultural buildings. Other possibilities of applications are as fencing of larger building complexes, container construction, hidden formwork, ceilings and more. The trapezoidal profiles are divided into structural, roof and wall elements, depending on the thickness of the input material and the profile height.

Profiling the trapezoidal sheet according to the specific project and then the assembly plan, we obtain precise lengths for a specific roof or a facade design. With this procedure we minimize the costs of cutting the material and ensure simple fitting of the sheeting. Standard and non-standard flashings elements and proper fasteners are supplied as specified by the plans provided. We can assist with a roof plan and layout if available, or accurate measurements if no plans are drawn.

## OUR TIP

### COMAX TRAPEZE WITH PUR/PA COATING - HOT DIP GALVANIZED STEEL S 280 GD + Z275

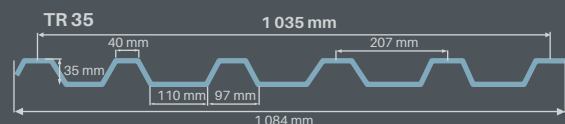
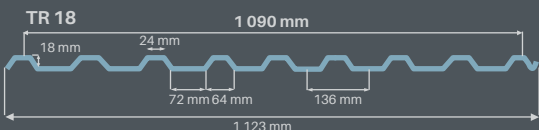
COMAX® structural trapezoidal profiles with the highest protection and extended warranty up to 40 years. The S 280 GD steel core with a hot dip galvanizing layer of 275 g/m<sup>2</sup> and a top protective layer of up to 55 µm of organic paint. **COMAX TRAPEZE** profiles represents a great solution for roofs and wall facades, with the possibility of using Aluminium for a longer warranty, or our standard galvanized steel. Any RAL colour is possible when over 400 m<sup>2</sup> of material is required. After the end of the life cycle, the roofing is 100% recyclable, and its use does not increase the burden on the environment.

### STANDARD SHADES ON STOCK - COMAX TRAPEZE 18 / 136; TRAPEZE 35 / 207

													WARRANTY			
FeZn PES GLOSS 0,50	mill finished	3009	3009K	3011	5010		7016	8004	8017	8019K	9002	9005	9006	9010	20 years	
FeZn PES GLOSS 0,60		3000	3009		5010	6011	7016				9002		9006	9007	9010	20 years
FeZn PES GLOSS 0,75											9002					20 years

### STANDARD SHADES ON STOCK - COMAX TRAPEZE 40; TRAPEZE 50

color shades on demand





# COMAX TRAPEZE 40/183

# COMAX TRAPEZE 50/250

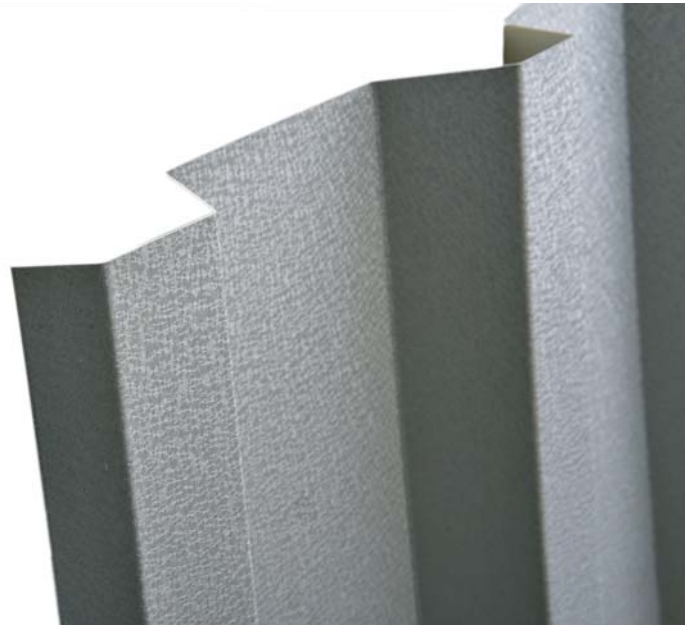
ALUMINIUM VARIANT OPTION

NONSTANDARD SHADES POSSIBLE ON ORDERS OVER 400 m<sup>2</sup>

ANTICON FLEECE AVAILABLE IF REQUIRED

In 2017, COMAX ROOFS® installed a new production line to extend the offer of our trapeze range to a total of 4 types of galvanized steel or aluminum profiles coated with our own high quality painted material COIL COATING system. This is a complete range of **TR 18**, **TR 35**, **TR 40** and **TR 50** profiles, which we sell both in mill finished and pre-painted design according to stock or on customer's individual wishes.

Profiling the trapezoidal sheet according to the project documentation and then the assembly plan, we obtain precise lengths for a specific roof or a facade design. With this procedure we minimize the costs of cutting the material and ensure simple fitting of the sheeting. Standard and non-standard flashings elements and proper fasteners are supplied as specified by the plans provided. We can assist with a roof plan and layout if available, or accurate measurements if no plans are drawn.



## OUR TIP

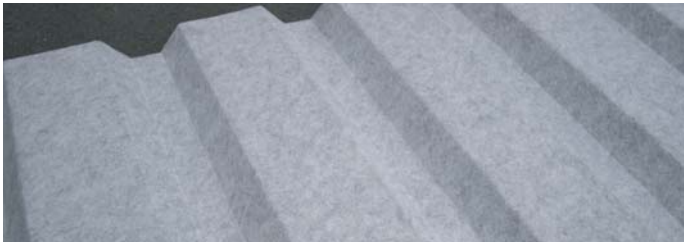
### TRAPEZE TR 40 MILL FINISHED ALUMINIUM

COMAX ROOFS® have put into operation a new profiling line for the production of trapezoidal profiles **TR 40** and **TR 50** in summer 2017. These new profiles meet the higher structural requirements associated with the roofing of mainly larger warehouse and farm buildings. In the mill finished aluminum version, these profiles are an appropriate solution for large agricultural buildings. Here, high demands are placed mainly on the humidity associated with the housing livestock. This lightweight aluminum profile, both pre-painted and mill finished, is corrosion and weather resistant to a very high level.



#### Comax TRAPEZE with anti-condensation fleece

The foil forms an additional layer applied on the bottom side of the roofing. It reduces noise and vibrations caused by rain and wind. It also serves as an anti-condensation layer.



#### Fastenings guarantee:



#### FASTENINGS FOR GALVANISED ROOFING

Carbon steel screw  
Surface treatment: Zinc, 50 µm powder coating  
+ EPDM pad

**20**  
years  
Guarantee

#### FASTENINGS FOR ALUMINIUM ROOFING

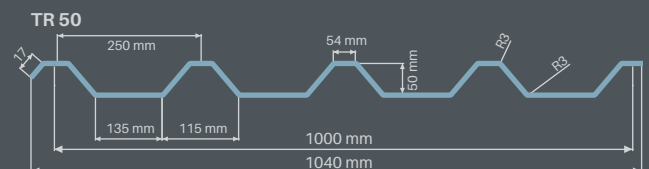
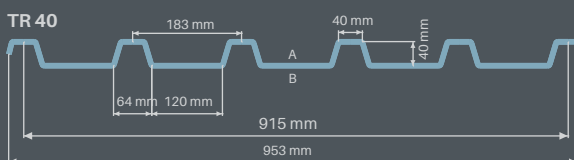
Bimetal screw  
Surface treatment: 50 µm powder coating  
+ EPDM pad

**50**  
years  
Guarantee

### Technical data:

Material	TR 18		TR 35		TR 40		TR 50	
	FeZn / AlZn	Al	FeZn / AlZn	Al	FeZn	Al	FeZn	Al
Material thickness	0,5 - 0,6 mm	0,6 mm	0,5 - 0,8 mm	0,6 - 0,8 mm	0,5 - 0,8mm	0,6 - 0,8 mm	0,7 - 1 mm	0,7 - 1 mm
Height of profile	18 mm	18 mm	35 mm	35 mm	40 mm	40 mm	50 mm	50 mm
Effective width of profile	1 090 mm	1 090 mm	1 035 mm	1 035 mm	732 / 915 mm	732 / 915 mm	750 / 1000 mm	750 / 1000 mm
Minimum length	1 000 mm	1 000 mm	1 000 mm	1 000 mm	1 000 mm	1 000 mm	1 000 mm	1 000 mm
Maximum length	8 000 mm	8 000 mm	12 000 mm	8 000 mm	12 000 mm	8 000 mm	12 000 mm	8 000 mm
Min. pitch without connection	10°	10°	8°	8°	8°	8°	8°	8°
Min. pitch with connection	14°	14°	14°	14°	14°	14°	14°	14°
Guarantee of fastenings	up to 20 years	up to 50 years	up to 20 years	up to 50 years	up to 20 years	up to 50 years	up to 20 years	up to 50 years

#### Anticon fleece option



# COMAX WAVE 27/115

USE FOR A PITCH DOWN TO 14 DEGREES

CORRUGATED PROFILE

DURABLE SHEETING

SUITABLE FOR FACADE CLADDING

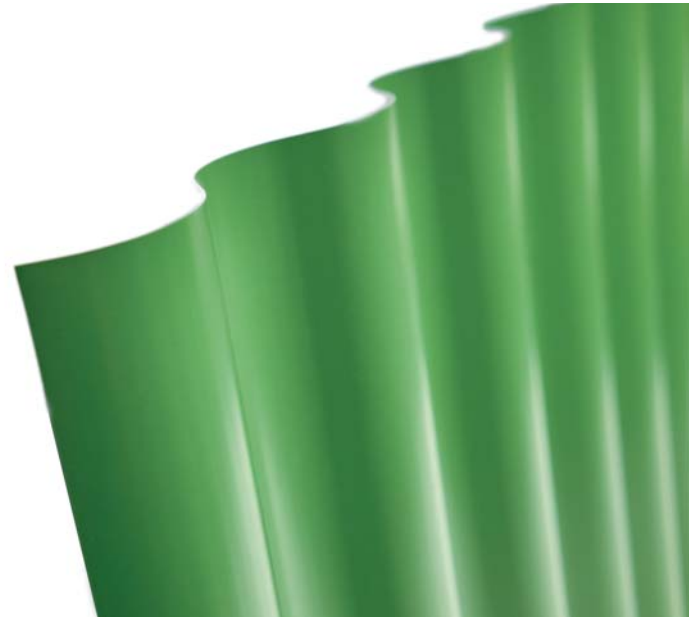
DOUBLE-SIDED COATED FOR FENCES

Another profile offered by **COMAX ROOFS®** in the segment of large-area roof and facade panels, is a traditional **WAVE 27/115**. We offer sheets in a wide variety of colors to meet growing investor demands. The soft lines of the sheeting create shadows that deepen the plastic look of the facade.

The COMAX WAVE 27/115 sheets are produced by a rolling method on a modern forming machine in our factory in custom lengths according to the individual needs of each building.

Cover panels are fitted to the substructure by self-drilling screws, which are supplied in the appropriate sheeting color. Installation is simple and easy without need to use special machines and tools. Deeply profiled panels with their stiffness and low weight reduce the costs of handling on construction site.

A well-made sheet metal roof gives the building a prestigious look. The aesthetic properties of COMAX® self-supporting sheets are also applied for facade cladding. And for its excellent properties, sheets are also used in the construction industry.



## Fastenings guarantee:



### FASTENINGS FOR GALVANISED ROOFING

Carbon steel screw  
Surface treatment: Zinc, 50 µm powder coating  
+ EPDM pad

20  
years  
Guarantee

### FASTENINGS FOR ALUMINIUM ROOFING

Bimetal screw  
Surface treatment: 50 µm powder coating  
+ EPDM pad

50  
years  
Guarantee

## OUR TIP

### COMAX WAVE WITH ALUMINIUM CORE AND DOUBLE-SIDED COATING

COMAX ROOFS® reported a return to the production of pre-painted corrugated sheet, which is newly profiled in lengths according to the needs of the customer. It is also possible to use a 0.6 mm thick pre-coated aluminium core with a SP 25 µm protective coating on both sides, with a choice of coating type and shades for orders over 400 m². Due to double-sided coating, this profile is suitable for covering roofs and facades in demanding conditions, where coating fills the protective and separating function of these profiles. A very cost-effective solution is the usage of fences, where the reverse side is indistinguishable from the front side. After the end of the life cycle, the roofing is 100% recyclable, and its use does not increase the burden on the environment.

## STANDARD SHADES ON STOCK - COMAX Wave 27 / 115

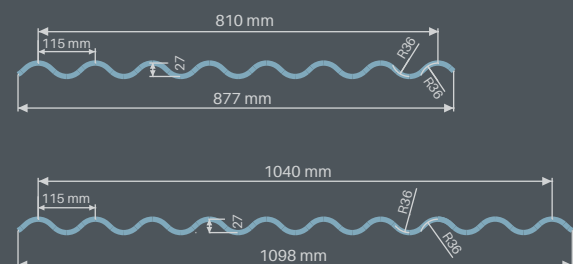
## WARRANTY

Material	Finish	3009	3009K	3011	5010	6005	6011	7016	7037	8004	8017	8019K	9002	9005	9006	9007	9010	Warranty
FeZn PES GLOSS 0,50	mill finished																	20 years
FeZn PES GLOSS 0,55	mill finished																	20 years
FeZn PES GLOSS 0,60																		20 years



## Technical data:

Material	FeZn	Al
Material thickness	0,50 - 0,80 mm	0,60 - 0,80 mm
Height of profile	27 mm	27 mm
Effective width of profile	1 040 / 810 mm	1 040 / 810 mm
Minimum length	1000 mm	1000 mm
Maximum length	6000 mm	6000 mm
Min. pitch without connection	14°	14°
Min. pitch with connection	20°	20°
Guarantee of fastenings	up to 20 years	up to 50 years





COIL-COATING LINE  
METAL TRADE COMAX, a.s.

## CUSTOM PAINTING

A possibility to manufacture with non-standard shades of all RAL-derived colours in amounts exceeding 400 m<sup>2</sup> for all surface finishes.



### CONTINUOUS PAINTING TECHNOLOGY, OR "COIL-COATING"

We are the only Czech manufacturer with the **SHEET METAL COIL-COATING** technology. The process consists of rolling a special organic coat on an unwound/unrolled steel or aluminium strip of sheet metal using a system of rollers, followed by hardening in furnaces at a temperature of up to 240°C, which guarantees a uniform and even coating over the entire surface of the strip and gives the sheet metal unique functional and aesthetic properties for use in the most demanding conditions.

We are a **MEMBER OF ECCA ASSOCIATION** based in Brussels, which associates and educates leading European manufacturers of coated sheet metal and observes the compliance with the strict EU standards for manufacturing with respect to environment protection.

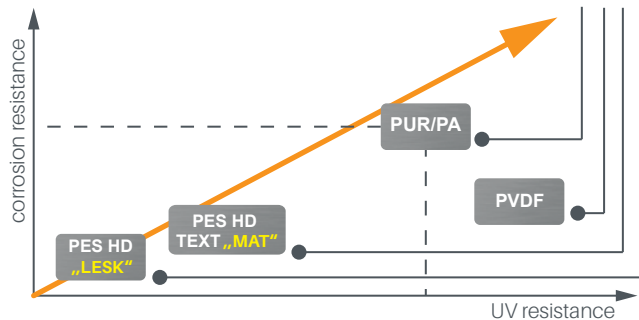
We test the painted material in modern laboratories using **REAL EXPOSURE TESTS** carried out by foreign accredited centres in Portugal, Netherlands, and Sweden to guarantee the high quality of COMAX products, their resistance to mechanical stress, UV light, extreme temperatures, corrosion, and chemical agents in the atmosphere.



### SURFACE FINISH SPECIFICATIONS

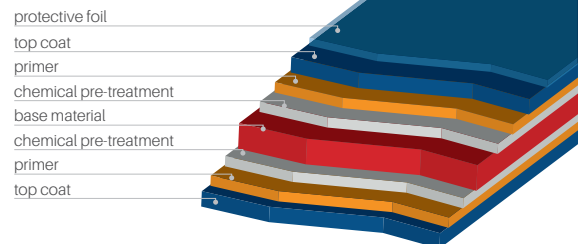
Surface finishes	HD SP „GLOSS“	HD SP TEXT „MATT“	HD SP TEXT „MATT“ Stucco	PVDF	PUR/PA
Coating thickness	25 µm	30 µm	30 µm	37 µm	55 µm
Corrosive resistance	RC 3	RC 3	RC 3	RC 4	RC 5
UV resistance	RUV 3	RUV 3	RUV 3	RUV 5	RUV 4
The others	Standard roof production Good flexibility	Seamable materials Structural appearance Abrasion resistance	Seamable materials Optical gloss reduction Material reinforcement	Seamable materials Excellent chemical resistance Very good flexibility	Premium surface High corrosion resistance
Max. warranty Al	up to 50 years	up to 50 years	up to 50 years	up to 75 years	up to 75 years
Max. warranty FeZn	up to 20 years	up to 20 years	up to 20 years	up to 30 years	up to 40 years

### SURFACE FINISH RESISTANCE



### LAYERS OF COMAX COATED SHEET METAL

#### DOUBLE-SIDED 25/20 µm



Our main suppliers for Coil coating:



U.S. Steel Košice, s.r.o.



ArcelorMittal



TATA





ISO 9001  
ISO 14001  
OHSAS 18001  
ISO 50001  
IATF 16949



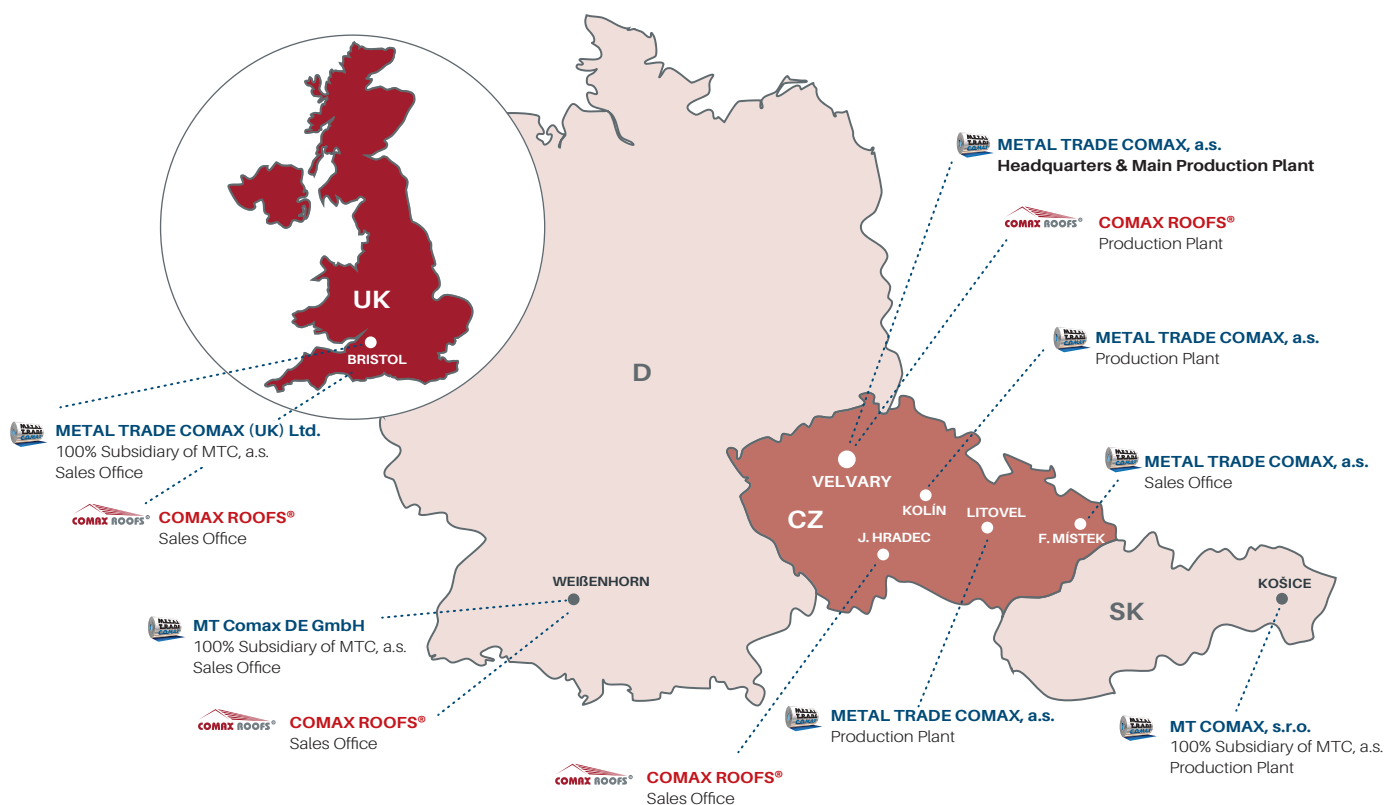
Production plant COMAX ROOFS® in CZ



Headquarters & Production Plant METAL TRADE COMAX, a.s. in CZ



COMAX IN EUROPE



Your business partner:

CONTACTS



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CUSTOMER SUPPORT: [roofs@mtcomax.cz](mailto:roofs@mtcomax.cz)

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02/2021 UK

Shades in the printed catalogue may slightly differ from certified swatch. Assortment subject to change.