

colofer®

FOR STEEL ROOFING TILES

More than just aesthetics
for roofing applications

voestalpine

ONE STEP AHEAD.

voestalpine Steel Division
www.voestalpine.com/colofer



colofer®

MORE THAN JUST AESTHETICS FOR ROOFING APPLICATIONS

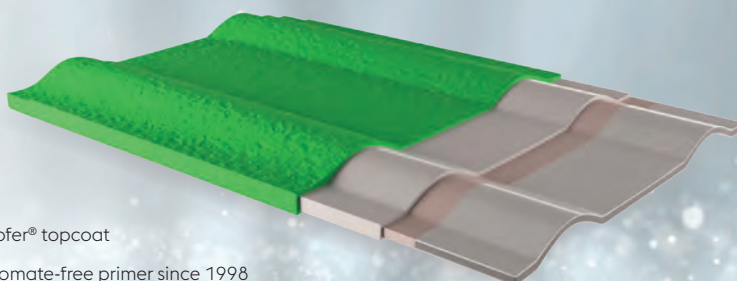
colofer® for steel roofing tiles

Aesthetics meet function. A home that is built to last. The roof is the most important line of defense between the comfort of a home and the elements. By using colofer® for sheet metal tiles, you combine impressive aesthetics that last for many decades with the highest quality and excellent functionality.

For sheet metal tiles we recommend the following two products:

- » colofer® MATT
- » colofer® PLUS

colofer® complies with the following certifications and guidelines: EPD, DGNB, BREEAM, LEED, RoHS, REACH.



- colofer® topcoat
- Chromate-free primer since 1998
- Chromate-free pre-treatment since 1998
- Long-term corrosion protection due to a ZM coating of 120 g/m² or alternatively a zinc coating of 275 g/m²
- Wide range of voestalpine steel grades





To find out more about colofer®,
please visit us at
www.voestalpine.com/colofer



Eco-Pioneer



Made in Austria



colofer® Service

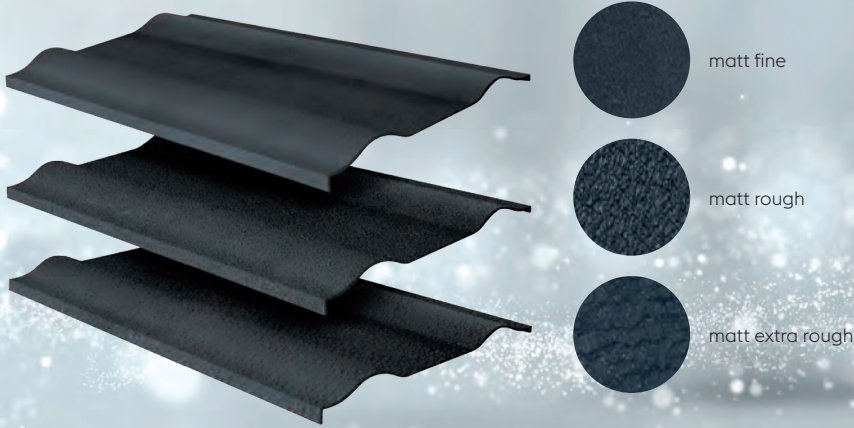
colofer® MATT 35 µm

More than just aesthetics for roofing applications

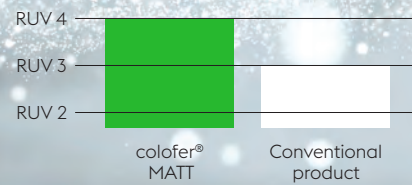
colofer® MATT was specially developed for roof applications and is characterized by an impressively **matt appearance**. With three different types of matt surfaces and a large variety of different colors, colofer® MATT is the most versatile product for sheet metal tiles.



In three impressive matt variants:



UV resistance of colofer® MATT



HIGHEST LEVEL OF UV RESISTANCE ON ROOFS

We only use top-of-the-line products from the best paint manufacturers, which is why we are able to guarantee the highest UV resistance class (RUV 4*) for selected colors. As a result of extensive research and development, this product combines excellent processing and forming properties without compromising on appearance and function.

- » 3 impressive matt surface types
- » High level of UV resistance (RUV 4*)
- » Excellent formability
- » 18-year guarantee
- » Guaranteed up to an altitude of 2,100 meters

AESTHETICS MEET FUNCTION. NUMEROUS INTERNATIONAL MANUFACTURERS OF TIN ROOF TILES RELY ON THE VERSATILITY AND BEST WORKABILITY OF colofer® MATT.



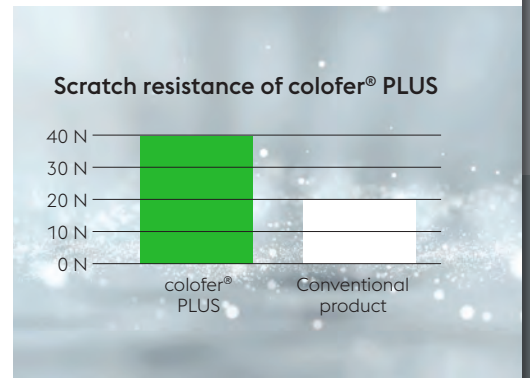
* only applies to selected standard colors

colofer® PLUS 50 µm

More than just maximum protection

Sheet metal tiles that are built to last! colofer® PLUS stands for perfect all-round protection, limitless functionality and completely chromate-free coating technology.





DOUBLE LAYER THICKNESS FOR MAXIMUM PROTECTION

The double layer thickness and highest reference value for scratch resistance (40 N) guarantee perfect protection against mechanical damage during assembly/installation and use. Highest possible UV resistance class (RUV 4), which guarantees long-lasting color intensity. Also, the excellent corrosion protection facilitates applications in particularly demanding environments (pollution).

Our automatic guarantee periods of up to 35 years and special guarantees for special requirements provide ease of mind. Optimum forming properties, excellent workability and a wide range of available colors and surfaces complete this all-round carefree package.

- » Extremely high corrosion resistance (RC5)
- » High level of UV resistance (RUV 4)
- » Highest reference value for scratch resistance (40 N)
- » Variety of different surface textures
- » 35 year guarantee

EXPERTS AT EVERY LEVEL.
colofer® PLUS IS THE BASIS FOR PREMIUM MANUFACTURERS WHO DO NOT WANT TO COMPROMISE. A PRODUCT THAT DOES NOT SHY AWAY FROM INTERNATIONAL COMPARISON.



colofer® FACTS

Properties in comparison	colofer® MATT	colofer® PLUS
Coating thickness	approx. 35 µm	approx. 50 µm
Adhesion after bending	≤ 1 T	≤ 1 T
Crack formation during bending	≤ 2 T	≤ 1.5 T
Scratch resistance	≥ 15 N	≥ 40 N
UV resistance category	RUV 4*	RUV 4
Corrosion resistance	RC3	RC5 ¹⁾

Certifications/guidelines	colofer® MATT	colofer® PLUS
EPD		
DGNB		
BREEAM		
LEED		
RoHS		
REACH		

Guarantee services for roof applications	colofer® MATT		colofer® PLUS			
Corrosion (rust)	18	12	35	20	12	
Coating adhesion	10	5	12	10	5	
Visual appearance	RUV 4*	RUV 4*	RUV 4	RUV 4	RUV 4	RUV 4

Guarantee periods depending on altitude	Guarantee				
	up to 900 m	901 – 1,300 m	1,301 – 1,700 m	1,701 – 2,100 m	above 2,100 m
Guarantee	100%	90%	70%	50%	

- Available
- Only with special guarantee
- Upon request
- * Only applies to selected standard colors
- Not available
- 1) Only available on substrate Z275

Guarantee periods rounded to whole years.
You will find more detailed information on colofer®
guarantees in the colofer® guarantee provisions at
www.voestalpine.com/colofer

COLOR COURAGE

colofer® colourservice

With our colofer® color service, we are able to reproduce a large number of additional colors. Whether it be RAL, NCS, Pantone color matching systems or corporate identity guidelines, we offer a virtually unlimited color selection. We will be happy to reproduce any color on the basis of customer samples. Thanks to our high-precision measurement methods and detailed process knowledge, we can guarantee exact color matches.

colofer® technical support

Do you need support in making the right adjustments to your production lines? Do you want assistance selecting the right product? Do you need quick support in the event of problems? Our large pool of technical experts will be happy to assist you in any way.

Standard colors

The unique design of the production line makes it possible to achieve a very high degree of reliability in the reproduction of color shades.





MORE THAN JUST ORGANIC COATED STEEL STRIP

For steel roofing tiles

colofer® is much more than just organic-coated steel strip. colofer® is an inspiring product that creates added value for customers, which translates into superior quality and performance along the entire value chain.



Learn more about our colofer® services in this video.
www.voestalpine.com/colofer/en/Service/colofer-R-Service



colofer® ADDED VALUE

IT'S THE INNER VALUES THAT
COUNT! THEY MAY NOT BE
APPARENT AT FIRST GLANCE
BUT ARE NEVERTHELESS HARD
TO OVERLOOK ON CLOSER
INSPECTION.



More than just environmentally compatible – The ECO-Pioneer

colofer® is a true pioneer when it comes to protecting the environment and employee health and safety. Already in 1998, voestalpine developed an environmentally compatible method for the production of colofer® by completely eliminating chromate from the process without compromising the excellent product performance and the length of guarantee periods.

voestalpine operates one of the cleanest and most environmentally compatible steelmaking plant in Europe and has already won the Green Brands Austria award. Additionally, it was given the title of a Steel Sustainability Champion, more than justifying its reputation as an environmental pioneer.



More than just quality – High Quality made in Austria

Our high-tech steel strips and paints from renowned European manufacturers are the basis for the consistently high level of quality that is characteristic of colofer®. Thanks to our integrated steel mill at the Linz location, we always have full control of all value-adding process steps involved. colofer® is produced in a single facility using high-precision measuring methods. As a result, our customers benefit from consistently high quality and from products that strictly comply with the agreed specifications.



More than just products – colofer® Service

We consider services to be part of the product itself, which is why we also strive for perfection in our services. Learn more about our colofer® services!

- » colofer® technical support
- » colofer® colorservice
- » colofer® coilsplitting
- » colofer® ROL
- » colofer® inside
- » voestalpine Steel & Service Center

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