

colofer®

colofer® PLUS

Top performance you can rely on

Organic-coated steel strip

colofer® PLUS fact sheet | 10/2018

## MORE THAN JUST MAXIMUM PROTECTION

**Do you produce components made of organic-coated steel strip and want to have confidence in more than just lab results?** Do you want a prematerial with excellent product properties, one that has proven its performance for many years under natural conditions? voestalpine is an Austrian producer of high-quality steels and also one of the most research-intensive companies in the industry.



### Only the best results without any compromises!

colofer® PLUS is a two-layer coating system with only the highest-quality product properties.

- » Highest corrosion resistance RC5
- » Highest UV resistance category RUV 4
- » Highest scratch resistance 40N
- » Excellent formability  $T \leq 1$
- » Guarantee of up to 40 years



### Proven quality

Lab tests are accelerated procedures that do not optimally represent true product performance under natural conditions. Actual performance can only be determined after years of free weathering under natural conditions. For this reason, voestalpine places a great deal of emphasis on testing the performance of colofer® based on results obtained from free weathering tests under natural conditions. Reliable performance test results take time.



**ECO pioneer, free of chromate since 1998**

The production of colofer® has been completely free from chromate since 1998. The conversion to a chromate-free production process was a change that significantly influenced product performance. For nearly twenty years, chromate-free colofer® technology has proven itself in many different free weathering tests under natural conditions. In a response to new environmental restrictions, several steelmakers only recently eliminated chromate from their pretreatment and primer processes.



**Made in Austria, a quality promise**

colofer® PLUS and all other colofer® products continually undergo further development and improvement processes. All data collected from free weathering tests, lab results and reference sites are continually taken into account in the adaptation and further development of the paint coating formulas. A close-knit network of voestalpine technical specialists, selected paint suppliers, research institutes and universities ensure continued optimization.



**Your creativity knows no limits with colofer® PLUS**

Don't limit yourself to standard colors or inferior formability. colofer® color service makes it possible to create any color based on color cards (RAL, Pantone, NCS), product samples or other materials. A wide range of metallic and conventional colors can be created. In addition, colofer® PLUS is available in smooth and structured surfaces, and it boasts excellent forming properties.



**High-quality steel strip**

voestalpine operates the most modern hot-dip galvanizing lines and supplies a number of highly innovative industries, including the automotive sector. The result is highest-quality steel strip and a very broad selection of steel grades and dimensions. With colofer® PLUS, you benefit from the vast experience that goes into the substrate as well as state-of-the-art coating lines.



**Certifications**

colofer® PLUS complies with all REACH regulations and is certified: German Institute of Structural Engineering, corrosion protection category RC5, Fire Protection Class A1, EPD, LEED, BREEEAM.

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