

# colofer® HOME CLASSIC



Premium quality  
with reduced carbon footprint



## Convincing features

- » Consistently high product quality
- » Variety of gloss degrees and surface finishes
- » Customized shades of white

## Typical applications

- Front and side panels
- » Washing machines and dryers
- » Refrigerators
- » Dishwashers
- » Kitchen extractor hoods

Properties	Testing standard/Inspection requirement	Typical values
Coating thickness	EN 13523-1	>21 µm
Color	ISO 3668 / EN 13523-3	Upon agreement
Surface appearance	-	Upon agreement, smooth or structured
Design	-	-
Gloss (60°)	EN 13523-2	Upon agreement
Adhesion (cross cut)	EN ISO 2409	Gt0
Adhesion after bending	EN 13523-7	≤ 0,5 T crack-free <sup>1)</sup>
Crack formation after bending	EN 13523-7	≤ 2 T crack-free <sup>1)</sup>
Scratch resistance	Based on EN 13523-12	≥ 15 N
Resistance to solvents (MEK)	EN 13523-11	≥ 100 DH
Resistance to rapid deformation (Impact test)	EN 13523-5	≥ 18 J
Corrosion resistance » Salt spray test	EN 13523-8	Test duration: 240 h No formation of bubbles on surface Medium creepage < 2mm
Resistance to humidity » Continuous humidity test	EN 13523-25	Test duration: 500 h No formation of blisters on surface
Recommended processing temperature	-	+20°C to +40°C
Properties	-	-
Environmental impact	-	RoHS-compliant

All testing standards are the most recent version as long as a year is not indicated.

<sup>1)</sup>Dependent on coating type and sheet thickness

# OUR PATH TO A GREENER FUTURE

## Premium products in the greentec steel Edition

With greentec steel, voestalpine is pursuing an ambitious step-by-step plan in the long-term decarbonization of steel production. The declared objective is to achieve carbon-neutral production by 2050, and the initial steps have already been taken. Process-optimized production operations already prevent up to 10% of the direct CO<sub>2</sub> emissions at the Linz site. The material and processing properties of the steel are not affected in any way in this production route. Each voestalpine steel strip product is available in premium quality in the greentec steel Edition with a reduced carbon footprint and unique benefits.



Premium quality with reduced carbon footprint

**colofer®**  
greentec steel

Organic-coated steel strip – greentec steel Edition

Max. carbon footprint 2.23 kg CO<sub>2</sub>e per kg of steel <sup>1)</sup>

<sup>1)</sup> per EN 15804+A2 (EPD methodology) cradle to gate

All products, dimensions and steel grades listed in each voestalpine supply range are available as greentec steel Edition.

All values reflect the current status of our experience and knowledge. Slight deviations may occur as a result of specific color and sheet thickness. Paper printouts cannot be updated on a regular basis. For this reason, please refer to the most recent version of the online data sheets found on our home page ([www.voestalpine.com/colofer](http://www.voestalpine.com/colofer)).

The information and product properties contained in this printed material are non-binding and serve the sole purpose of technical orientation. They do not replace individual advisory services provided by our sales and customer service teams. The product information and characteristics set forth herein shall not be considered as guaranteed properties unless explicitly stipulated in a separate contractual agreement. Technical changes are reserved. Errors and misprints are excepted. No part of this publication may be reprinted without explicit written permission by voestalpine Stahl GmbH.

To find out more about colofer®,  
please visit us at  
[www.voestalpine.com/colofer](http://www.voestalpine.com/colofer)



### voestalpine Steel Division

voestalpine-Straße 3  
4020 Linz, Austria  
productmanagement@voestalpine.com  
[www.voestalpine.com/colofer](http://www.voestalpine.com/colofer)

**voestalpine**

ONE STEP AHEAD.