colofer® HOME DESIGN

Convincing features
- » High-quality imitation of a wide variety of appearances
- » Customized design
- » High-end appearance, including stainless steel or brushed aluminum

Typical applications
Front and side panels
- » Washing machines and dryers
- » Refrigerators and dishwashers
- » Kitchen extractor hoods

greentec steel

Premium quality
with reduced carbon footprint

colofer®
greentec steel

Properties	Testing standard/Inspection requirement	Typical values
Coating thickness	EN 13523-1	>21 µm
Color	ISO 3668 / EN 13523-3	Upon agreement
Surface appearance	-	-
Design	-	Upon agreement
Gloss (60°)	EN 13523-2	Upon agreement
Adhesion (cross cut)	EN ISO 2409	Gt0
Adhesion after bending	EN 13523-7	≤ 0.5 T peel adhesion [1)]
Crack formation after bending	EN 13523-7	≤ 2 T crack-free [1)]
Scratch resistance	Based on EN 13523-12	≥ 15 N
Resistance to solvents (MEK)	EN 13523-11	≥ 50 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 blisters on surface
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.

[1)] 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_2 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.

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Premium quality with reduced carbon footprint

colofer®

greentec steel

Organic-coated steel strip – greentec steel Edition
Max. carbon footprint 2.23 kg CO_2e per kg of steel [1)]

[1)] 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).

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To find out more about colofer®, please visit us at
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voestalpine
ONE STEP AHEAD.