

colofer® HVAC DESIGN INDOOR

Convincing advantages

- » For interior applications
- » Impressive appearances and effects

Typical applications

- » Interior design objects



Premium quality
with reduced carbon footprint



- » Hot laminated protective film and adhesive film upon request

Properties	Testing standard/Inspection requirement	Typical values
Coating thickness	EN 13523-1	35 µm
Color	EN 13523-3	upon agreement
Gloss (60°)	EN 13523-2	upon agreement
Adhesion after cupping	EN 13523-6	6 mm Gt0B
Adhesion after bending	EN 13523-7	≤ 1 T peel adhesion
Crack formation after bending	EN 13523-7	≤ 3 T free of cracks
Scratch resistance	based on EN 13523-12	≥ 20 N
Temperature resistance (during use)	-	+80 °C ¹⁾
Resistance to humidity » Continuous humidity test	EN 13523-25	Test duration: 750 h No formation of blisters on surface
Corrosion resistance » Salt spray test	EN 13523-8	Test duration: 360 h Average creepage (scratch to Zn): 2 mm max., no formation of blisters on surface
Corrosivity category	DIN 55634: 2018	-
RC category	EN 10169	-
CPI category	EN 10169	CPI 4
UV resistance category ²⁾	EN 10169	-
Surface appearance	-	smooth, structured or matt
Fire classification	EN 13501-1	A1 ³⁾

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

1) No delamination of coating on even surfaces throughout guarantee period for coating adhesion.
Color shades will change as a result of long-term stress at high temperature.

2) UV resistance category depends heavily on color. The respective RUV class is achievable only for colors noted in table „Overview of color shades“ in the Technical Terms of Delivery for colofer®. Additional colors upon request.

3) In combination with colofer® REVERSE as a backing coat

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 CO₂ 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



Organic-coated steel strip – greentec steel Edition

Max. carbon footprint 2.23 kg CO₂e 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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