



colofer® CASING

More than just overall protection and aesthetics

colofer® CASING is the efficient replacement for powder-coated housings in indoor applications. You can significantly reduce your costs and increase efficiency by switching from powder coatings to colofer® CASING, the pre-painted steel strip made by voestalpine. colofer® CASING is characterized by particularly high scratch resistance and can be processed without the use of any protective film.

With the help of the colofer® color service, the desired color shade can be easily reproduced and, thanks to our Steel Service Center, the product can be supplied in coils, sheets or slit strip.



Our colofer® technical support consists of a large pool of experts who will be happy to assist you with all your inquiries.

Convincing advantages:

- » Cost savings
- » High level of scratch resistance
- » Individual selection of colors

Typical applications:

- » Replacement for powder-coated surfaces
- » Housings
- » Casings



Premium quality
with reduced carbon footprint

colofer®
greentec steel

Properties	Testing standard/Inspection requirement	Typical values
Coating thickness	EN 13523-1	approx. 25 µm
Color	EN 13523-3	upon agreement
Gloss (60°)	EN 13523-2	approx. 20
Adhesion and cupping	EN 13523-6	6 mm Gt0B
Adhesion after bending	EN 13523-7	≤ 1 T peel adhesion
Crack formation during bending	EN 13523-7	≤ 3 T free of cracks
Scratch resistance	based on EN 13523-12	≥ 30 N
Temperature resistance (during use)	-	from -20 to +80 °C ¹⁾
Resistance to humidity » Continuous humidity test	EN 13523-25	test duration: 500 h No formation of blisters on surface
CPI category	EN 10169	CPI 4
Surface appearance	-	structured
Classification according to fire behavior	EN 13501-1	A1

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

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



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Organic-coated steel strip – greentec steel Edition

Max. carbon footprint 2.40 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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To find out more about colofer®,
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voestalpine
ONE STEP AHEAD.