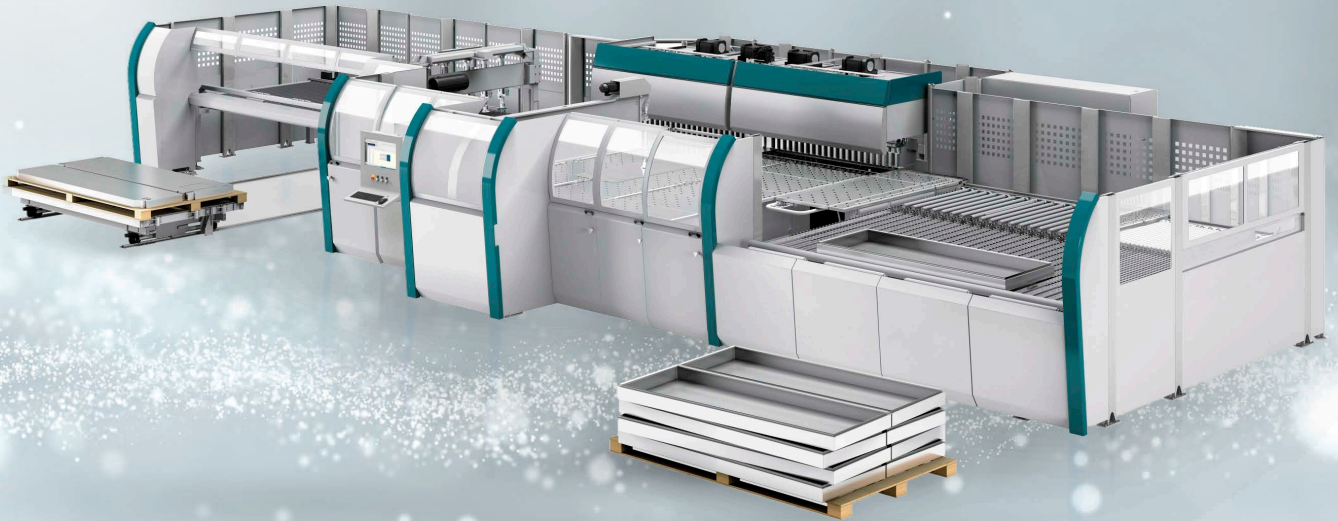


colofer®



Organic-coated steel strip

colofer® CASING | page 1/2 | 07/2019

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.

Convincing advantages:

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

Typical applications:

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



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

Properties	Testing standard/Inspection requirement	Typical values
Total layer 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 moisture » Continuous condensation environment	EN 13523-25	test duration: 500 h No formation of bubbles 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.

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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