

Organic-coated steel strip

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colofer® VARIO DESIGN

More than just versatile elegance

Our versatile all-rounder for indoor and outdoor applications combines creativity and functionality like no other product. A large variety of designs provide the basis for solutions that inspire.

Inspired by nature, convincingly authentic and versatile in its application. Design combines elegance with impressive material and processing properties.

An optional 3D effect that looks amazingly authentic in a range of different variations. Of course this is combined with the unique and convincing properties of colofer®.

Convincing advantages:

- » Impressive appearances and effects
- » Excellent functionality
- » Very good Resistance to humidity
- » Very good UV resistance category
- » Comprehensive guarantee

Typical applications:

- » Sandwich panels
- » Cassette elements
- » Garage doors
- » Doors
- » Trapezoidal sections



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			
Coating thickness	EN 13523-1	approx. 35 – 40 µm			
Color		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 during bending	EN 13523-7	≤ 3 T free of cracks			
Scratch resistance	based on EN 13523-12	≥ 25 N			
Temperature resistance (during use)	-	from -20 to +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			
Corrosion protection class	DIN 55928-8: 1994	KIII			
Corrosivity category on Z275/ZM120 substrate	DIN 55634: 2010	C3			
RC category	EN 10169	RC3 on Z275 or ZM120			
CPI category	EN 10169	CPI 4			
UV resistance category ²⁾	EN 10169	RUV 3			
Surface appearance	-	smooth oder structured			
Fire classification	EN 13501-1	A1			

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

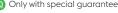
Guarantee services for wall applications 3)	a	RC2				RC3		
		ZM120	Z275	Z200	ZM120	Z275	Z200	
Corrosion (rust)		25	20	15	18	18	12	
Coating adhesion		10	10	10	8	8	8	
Visual appearance		PLIV 3 acc to EN 10160				LIV/3 acc to EN 101.	40	

Guarantee services for roof applications 3)	ZM120	RC2 Z275	Z200	ZM120	RC3 Z275	Z200
Corrosion (rust)	18	15	12	15	15	10
Coating adhesion	10	10	10	5	5	5
Visual appearance	 RUV 3 acc. to EN 10169			R	UV 3 acc. to EN 101	69

Guarantee periods depending on altitude	up to 900 m	901 – 1,300 m	1,301 – 1,700 m	1,701 – 2,100 m	above 2,100 m
Guarantee	100%	\approx	\bowtie	\approx	\approx









⊕ Upon request
 ⊚ Only with special guarantee
 ⋉ Not available
 ★ only applies to selected standard colors

Guarantee periods rounded to whole years.

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) This guarantee between voestalpine and its direct customer shall be governed by and construed in accordance with Austrian law (with the exclusions of its conflict-of-law provisions and the UN Convention on Contracts for the International Sale of Goods of 11 April 1980 - CISG) and only valid in connection with the respective regulations of most recent version of the colofer® guarantee provisions applying at the time of the order confirmation by voestalpine.

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 www.voestalpine.com/colofer



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