

colofer®

PULVERIZES YOUR COSTS

Up to 30% more efficient than powder coatings –
precoated steel strip made by voestalpine

Organic-coated steel strip

Pre- vs. postpainted fact sheet | 07/2023

SWITCHING FROM POWDER COATING TO colofer® OFFERS MANY ADVANTAGES!



Endless design possibilities

colofer® is great at accommodating new sizes, components, and product ranges. It also offers a virtually unlimited selection of colors (metallic included) and various different designs (e.g. stainless steel or carbon).



Compliant with all environmental regulations

colofer® complies with the RoHs directive, REACH regulations and environmental management norms. This lets you outsource all environmental protection measures related to the painting process.



Maximum functionality

colofer® offers highly flexible processing characteristics. It allows for extremely narrow bending radii, deep drawings, and roll forming. It also has excellent corrosion protection properties.



Simplified logistics in one finely-tuned package

By using colofer®, you can combine the logistics of all required steel products and profit from a comprehensive package of a steel grade and matching painting customized to your needs.



Adaptive to your production needs

colofer® makes it easy to adapt to changing demand and avoid bottlenecks in the painting process.

 greentec
steel

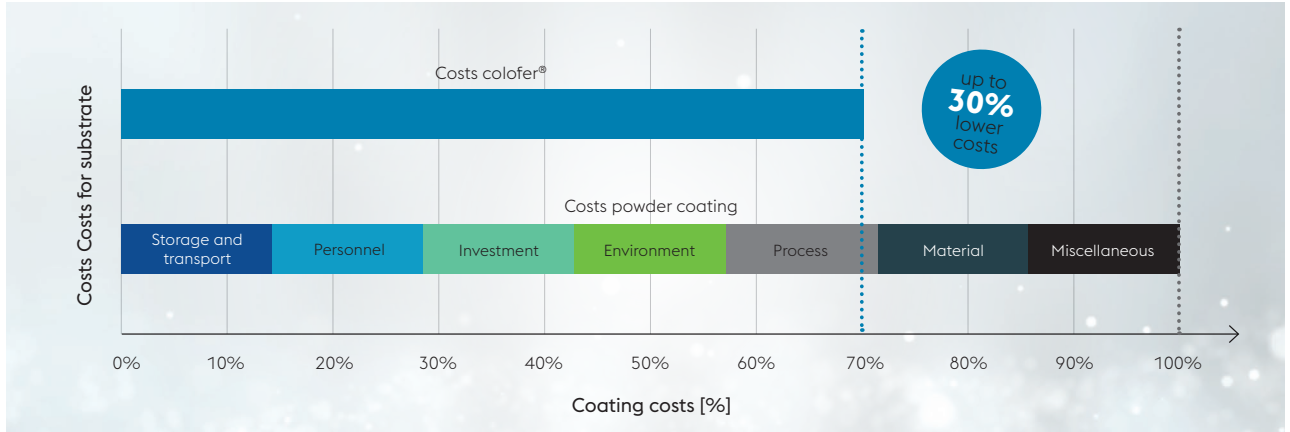
Premium quality
with reduced carbon footprint

colofer®
greentec steel



Cost savings

Using pre-painted steel strip not only increases the quality of your products, but also reduces your costs! Analyses have shown a savings potential of up to 30%.



THE TOTAL COSTS OF POST-PAINTING RESULT FROM:

Storage and transport

Internal transport costs (transport equipment for bulky parts, transport areas, storage areas), pre-material safety stock (painted semi-finished parts), paint safety stock

Investment, depreciation

Plant costs (pretreatment, coating, enameling furnaces, cooling zones), safety installations, additional laboratories, storage for chemicals and powder (dangerous goods), insurance, service of capital

Environmental protection costs

Expenses for complying with ever stricter environmental regulations (waste water treatment, powder recycling, etc.)

Coating process costs

Combustibles, energy, power, water, rejects, IT

Material costs of the coating process

Coating materials (powder paints, operating supplies, cleaning agent, degreasing agent, pretreatment chemicals) and disposal of coating materials

Miscellaneous expenses

Permits, administration, possible additional expenditures in handling (more complex assembly for design reasons)



Premium quality with reduced carbon footprint



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.

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To find out more about colofer®, please visit us at www.voestalpine.com/colofer



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