

IS POWDER COATING STILL YOUR THING?

The advantages of
pre-painted steel strip

Organic-coated steel strip

Pre- vs. postpainted fact sheet | 10/2018

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).



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.



Adaptive to your production needs

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



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.



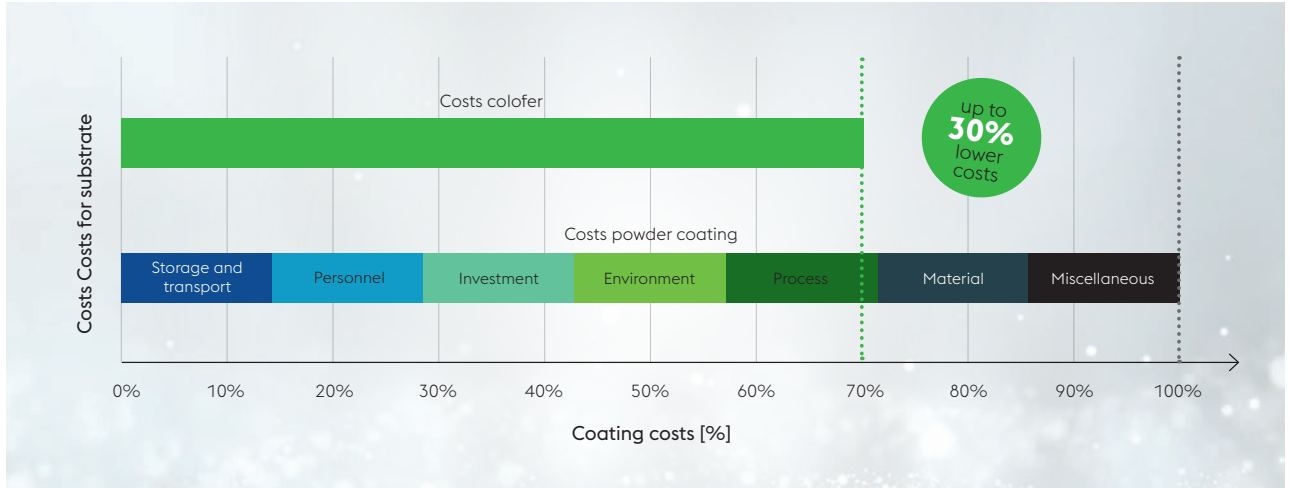
Simplified logistics in one finely-tuned package

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.



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)



Our colofer® technical support has access to a large pool of experts which will be happy to assist you in all matters.

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