



colofer[®] CORRENDER
COATED

Organically Coated Steel Strip by voestalpine

corrender coated – innovative coating systems
for the highest degree of corrosion resistance

voestalpine

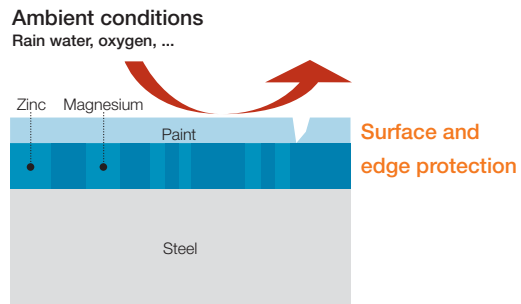
ONE STEP AHEAD.

corrender coated

Steel strip with zinc-magnesium coating

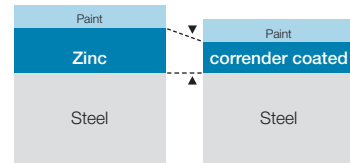
- Significantly improved product properties
as opposed to conventionally galvanized steel strip
- Unchanged excellent processing properties
- Wide variety of applications
- Serial production at voestalpine since 2007

colofer® corrender coated offers
the highest degree of corrosion resistance,
protected resources and reduced costs.

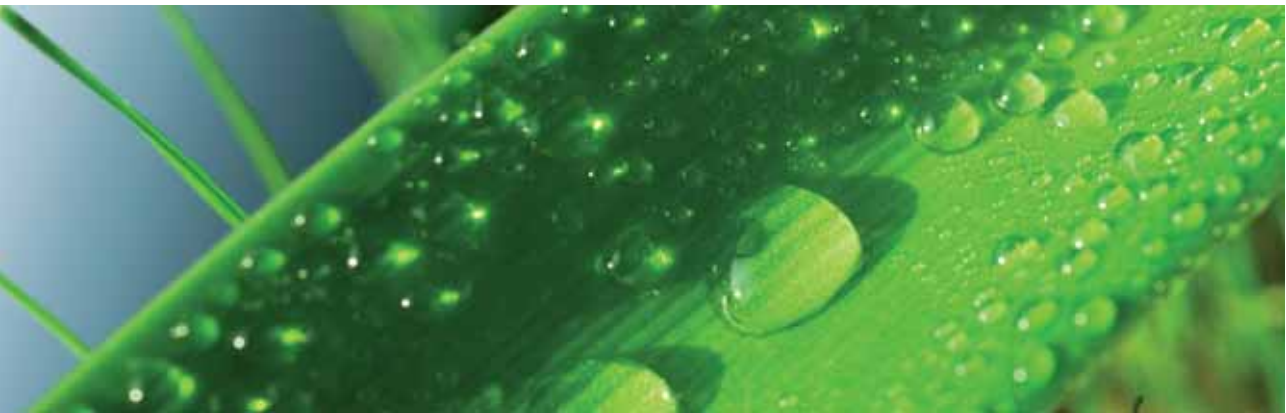


Significantly improved corrosion protection

- Improved corrosion protection with no change in coating thickness
- Adaptation of zinc coating thickness/corrosion protection to product application
- Reduction of the zinc coating layer with at least the same corrosion protection
- Significantly minimized paint infiltration in scratches and in areas that remain wet



- Potential cost savings as opposed to zinc coatings – especially with thicker coatings
- Saved resources and longer value retention in end products – a positive contribution to the environment

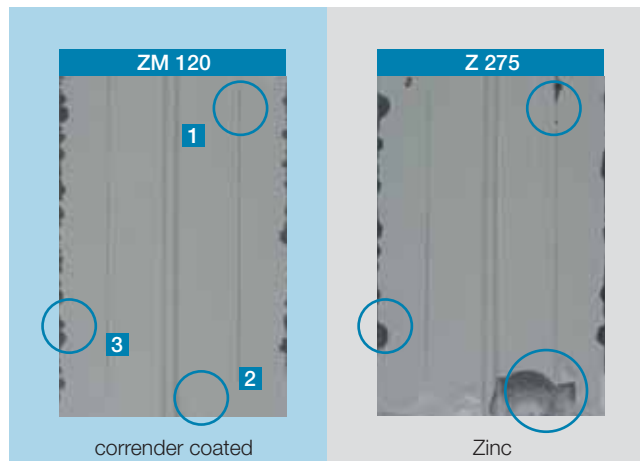


Product Properties

Comparison of corrosion properties



- 1** Significantly diminished creepage in scratches
- 2** Significantly diminished creepage in continually wet conditions
- 3** Uniformity of edge creepage



Documentation after 500 hours
of salt spray testing

Applications

Wide variety of applications

Construction industry

- Applications for housing suppliers and façade elements
- Roof and wall elements
- Trapezoidal sections and sandwich elements



Application Example

Hot-dip Galvanizing Line 5 at voestalpine Stahl
with colofer® corrender coated and iridescent paint



- Longer plant service life with colofer® corrender coated
- Attractive appearance as a result of colofer® iridescent

Technically More Advanced. Successful together.

voestalpine – the partner you can trust.

High-quality materials are the basis for our products. We strive to be the best partner for our customers and want to provide them with the best-possible solution.

We focus our expertise on two aspects:

The personal aspect, with dedicated and highly competent employees

The technical aspect, with high-quality methods, products and services

The companies in the voestalpine Steel Division and our employees are here to serve our customers as effectively and efficiently as possible and pledge the following:

- Understanding for our customers' business
- Dedication to professionalism
- Reliability
- Partnerships based on trust
- Responsibility for satisfactory project completion

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