

# PROTECLINE

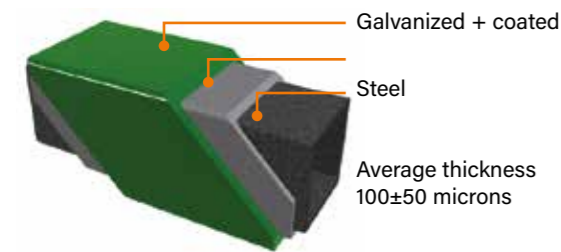
With a constant interest in the improvement of the quality of their products, RIVISA® has developed a system of covering anticorrosion **only one**.

Based on the most advanced technology in processes of plastification with Polymerized Polyester, the systems of covering RIVISA's anticorrosion for plasticized products help to protect and prolong their useful life.

Before the aggressiveness of the environmental conditions of every situation the system PROTECLINE® and PROTECLINE® PLUS adds a protection extra that reaches the maximum level of existing protection on the market, providing a covering identical anticorrosion to all their needs.



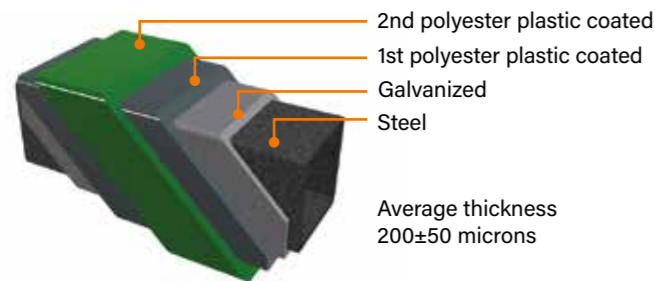
## protecline



This coating guarantees a very high protection against corrosion

- Excellent adherence of the plastic coat to the surface due to the new surface treatment system
- Increased useful life of the materials
- Excellent finishing

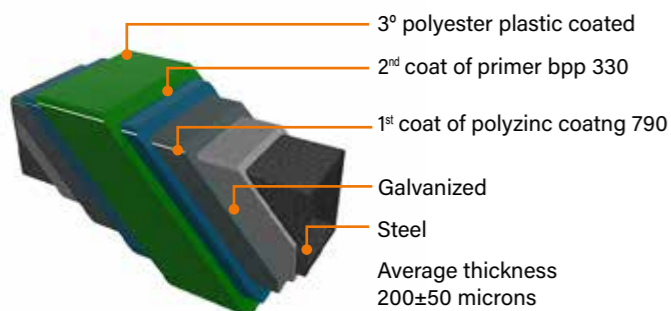
## protecline PLUS



This coating guarantees the highest anticorrosion protection in the market, thanks to a triple layer coating

- Excellent adherence of the plastic coat to the surface due to the new surface treatment system
- Useful life of material increased to the maximum even under the most aggressive weather conditions
- Excellent finishing

## protecline TRIPLE



This coating provides the highest degree of protection against corrosion, thanks to the triple layer of protection

- Excellent adhesion of the coating thanks to the innovative pre-preparation system of the surface by shot blasting.
- Maximum service life of the materials even in very aggressive environments.
- Extraordinary quality of the finishes

\*The Polyzinc 790 + Interpon BPP 330 system is used for very aggressive environments. The three-layer system is composed of a zinc-rich primer (Polyzinc 790), a barrier effect primer BPP 330 and a highly durable polyester plasticised topcoat.

## Rivisa's commitment to quality.

Rivisa maintained and improved on a continuous basis of the quality management system in accordance with ISO 9001:2000.

The Rivisa's certification of Quality Management System on behalf of Bureau Veritas illustrates the desire to maintain the levels of commitment and satisfaction acquired with our customers.

The quality of the product is constantly evaluated.

Corrosion resistance tests are carried out in accordance with EN-10245-1 on steel wires and wire products. The test conditions for the salt spray, carried out according to ISO9227-07 and evaluation of results according to ISO 4628-2: 16, ISO 4628-3: 16 and ISO 2409: 13, which provide indications of longevity in aggressive environments

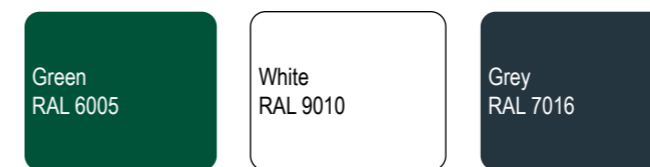
- ▶ Salinity test: 1.000 hours
- ▶ Kesternich's test (tries of SO<sub>2</sub>): acid rain
- ▶ Tests QUV simulate the resistance to the deterioration due to the solar light, dampness and temperature

All the Rivisa's products are in accordance with the European procedure



## Choice of the colour

Choice of chart colours  
**RAL ESTÁNDAR**



There is no extra charge.

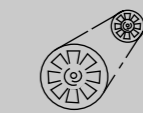
Choice of chart colours  
**SPECIAL COLOURS RAL**

Special colours from the RAL chart are available for laminating products.



The colours in this catalogue are approximate, for your final choice please consult a RAL colour chart.

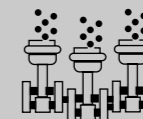
## Stages of the anti-corrosion coating application process



### 1) Cleanliness and pretreatment of the piec

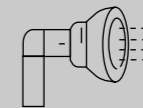
The pieces pass across a blasting machine provided with turbines of speed adjustment by means of variation of frequency that launch particles of blasting spherical and angular, that realizes a cleanliness for graze that eliminates all the residues and impurities, generating a micro-treated surface that it will allow anchored deeply and resistant of the polymer of painting in powder that will be applied later.

This process allows a perfect cleanliness of the pieces respecting their covering of zinc.



### 2) Blown of the pieces

The surface of the pieces are blown by means of adjustable jets of air of high pressure to eliminate possible remains of adhered particles.



### 3) Application of the painting in power

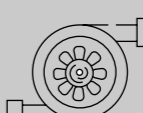
Proceeding from the process of blasting, the pieces go through a painting of the base polymer powder application cabin.

An automated center of color inhales the powder of painting and leads it compressed air flow, up to to the spray guns.

These spray guns load electrostatically the particles of powder of painting, which on having entered physical contact with the piece remain adhered of homogeneous form, leaving a uniform and constant over the entire surface texture coating to cover, to penetrate even the most hidden corners of the piece.

Our facilities allow to regulate in an individual way in each of the spray guns of application the parameters of air wealth, of air pressure, the electrical current of load of powder and the electrical tension of application.

In the same way, adjust speeds passage of the pieces for the cabin, the separation between the spray guns and the pieces, as well as the speed of automatic scrolling of reciprocators robots that move blocks of guns sprays.



### 4) Polymerized by heat in oven of boiling in continuous

Coated with powder painting pieces pass through the inside of an oven that subject them to high temperature generating polymerized reaction of the painting that affix it to the piece and generates its progressive hardening to finish with the final process of covering of high strength.

