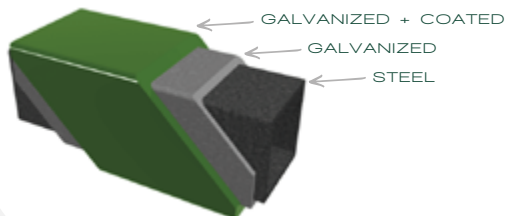


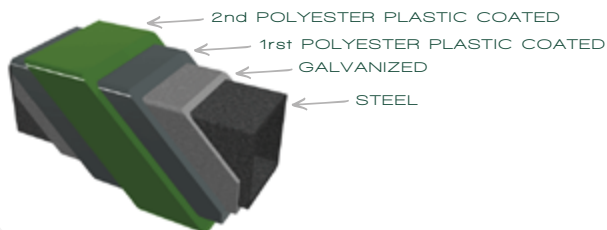
ANTICORROSION COATING SYSTEMS

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

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.

TECHNOLOGY AND ECOLOGY TO YOUR SERVICE

Rivisa's managerial philosophy is firmly based on the Total Quality and on the care for the Environment.

Rivisa has managed to increase the permanence of the materials, to lengthen the useful life of these and to improve the finished end of the plasticized covering, guarantee of permanence.

The system Rivisa Protecline eliminates you them go out of zinc, the oils and the fats, in an ecological way: without residues, or toxic remains.

Meeting the demands of the market, Rivisa is permanently focused in offering a top quality in all its products in order to maximize the satisfaction of their clients.



DURABILITY

RIVISA realizes a covering anticorrosion permanent that guarantees to all their materials a time of exceptional life.



PROTECTION

RIVISA has managed to eliminate all the toxic residues derived from the process of cleanliness of the materials.



ECOLOGY

ANTICORROSION PROTECTION

AIM

Description of the process followed by RIVISA to achieve in the products that it commercializes the highest levels of protection anticorrosion existing nowadays in the sector of the metallic fencings.

PRIME MATTERS

The raw materials that RIVISA ICM commercializes are realized on the basis of bands and profile structure of low steel in carbon that they have been submitted to the galvanized one in warm type Z 275, equally one divides wires galvanized in warmly in constant process.

TREATMENT OF PLASTIC COVERING FOR APPLICATION OF PAINTINGS IN POWDER MADE ON THE BASIS OF POLYMERS

The raw materials once have been submitted to the process of transformation to make the elements of the fencings receive a final treatment in a line of plasticized in constant that applies a final covering in which the polymer is applied in powder to the piece that is catalyzed by heat on having happened for an oven of boiling producing the reaction to them of polymerized of the covering that guarantees an ideal resistance to the atmospheric elements.

PHASES OF THE PROCESS

1 CLEANLINESS AND PRE-TREATMENT OF THE PIECE

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.

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 POWDER

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 polimerized 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.

THE RIVISA 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 SO₂): 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 COATING PROTECLINE

