



## TREATMENTS

### Galvanization on steel

For coated steel products, The Italian Lab alternatively uses two galvanizing systems:

1. Hot-dip galvanizing
2. Cold galvanization

The Italian Lab selects, each time, the galvanizing system most suitable for the thickness or shape or manufacturing process of each article.

### Coating on steel

- Preparation (sandblasting automatic or manual sanding)
- Alkaline degreasing
- Rinsing with water system
- Rinsing with demineralized water
- Passivation film-forming
- Drying with hot air 160°C

- Application of epoxy primer zinc\*
  - Polymerization in the oven 185°C\*
  - Cooling\*
  - Application of electrostatic pure powder - polyester
  - Polymerization in the oven 185°C
  - Cooling
  - Final test
- (\*) only on request and/or on cast iron components

Warning: in the case of installation of coated steel products in areas with salty air (e.g. in the vicinity of the sea) or with heavy air pollution, The Italian Lab recommends always to require TRIPLEX treatment, which involves the application of zinc primer before painting. This treatment improves the corrosion resistance of coated steel. The treatment is subject to surcharge.