



Metal Finishing

Galvanisation on steel

For coated steel products, Metalco alternatively uses three galvanising systems:

- Hot-dip galvanising
- Sendzimir galvanisation
- Cold galvanisation

Metalco selects, each time, the galvanising system most suitable for the thickness and/or shape and/or manufacturing process of each article.

Coating on steel

1. Preparation (sandblasting or manual grinding)
2. Alkaline Degreasing
3. Rinsing with tap water
4. Rinsing with demineralised water
5. Passivation filmogenic
6. Drying with forced hot air (160°C)
7. Cooling (Only on request and on cast iron components)
8. Electrostatic application of powder: pure polyester
9. Polymerisation in the oven (185°C)
10. Cooling & Final Inspection

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, Metalco 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.

Maintenance

Painted surfaces which become scratched can be restored, by using the colour touch-up sprays. 400ml cans of Metalco's standard RAL are available upon request. The colour should be sprayed from a distance of 10-20 cm onto the surface which has been previously cleaned from dust and dirt. Drying is achieved in about 15 minutes.

For colours not included in our standard chart, touch-up liquid colour can be requested. If however, on steel products, damage is deep and breaks the zinc protective coating below the paint, it will be necessary to proceed with an application of a zinc spray between the phase of cleaning and repainting. Metalco can, upon request, provide an aerosol for retouching the zinc coating.

The reproduction of colours in the brochure are not a true RAL match. To compare the relative RAL colours use a commercial RAL card. In case of any doubt about the proper maintenance procedure, please contact the Metalco office for advice.

Metalco uses paints P.P. wrinkled matt effect as standard.

Only on request and with price surcharge, products can be coated with a glossy finish.

Wrinkled Matt Finish



Sable Finish (subject to price surcharge).

