



Color Treatments for Metal Surfaces

Bronzing, blackening
and other decorative treatments

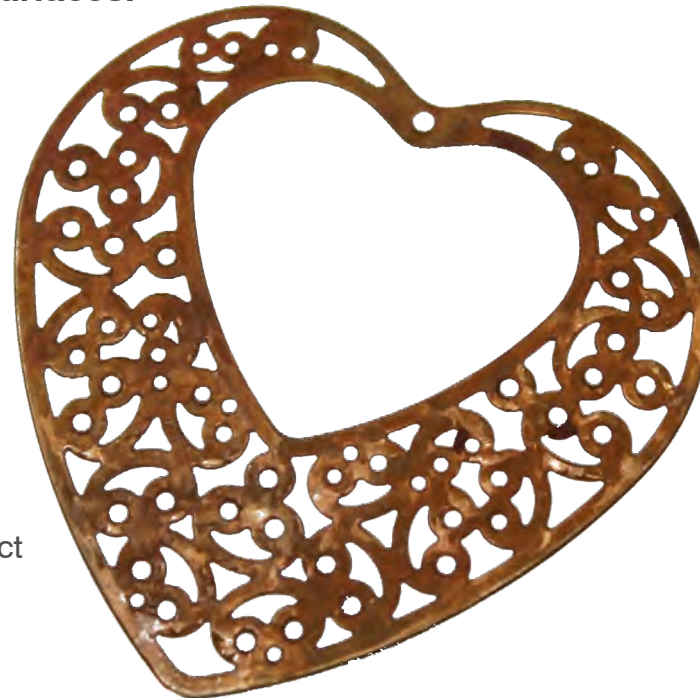


Color Treatments

Technic Italgalvano has been a leading supplier of **electroplating processes** for over 40 years. Our mission is to provide time-tested products, as well as innovative processes that meet the highest quality standards.

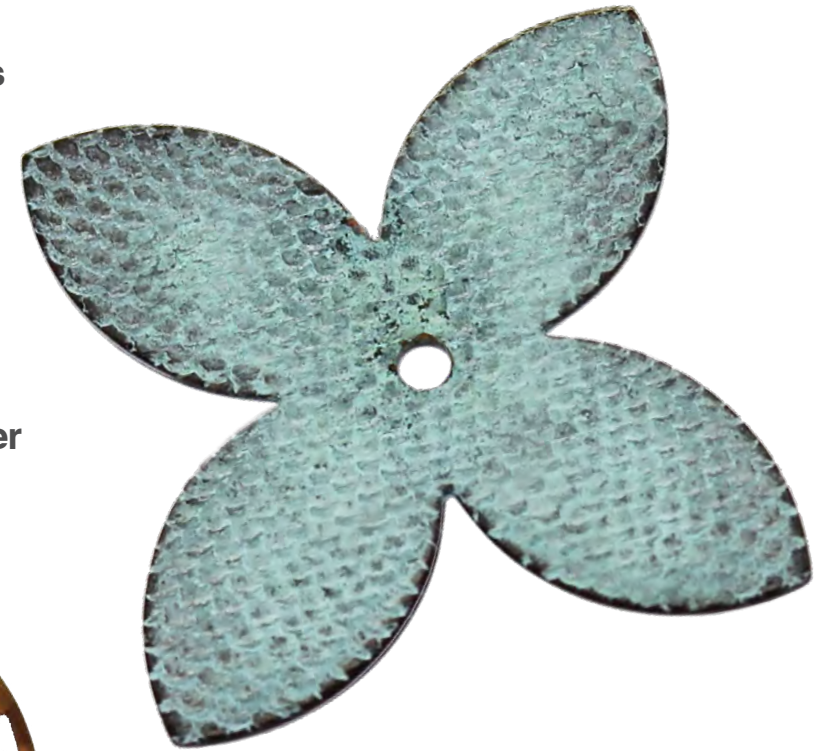
Our color treatments (such as bronzing and blackening) allow you to provide metal surfaces with beautiful colorations, while protecting them from oxidation and wear.

The following processes are suitable for **aluminium, bronze, cast iron, copper and alloys, iron, silver, and steel surfaces.**



Techni Red Rust 219

Process to obtain the cor-ten effect on iron and steel surfaces



Mark 25 S

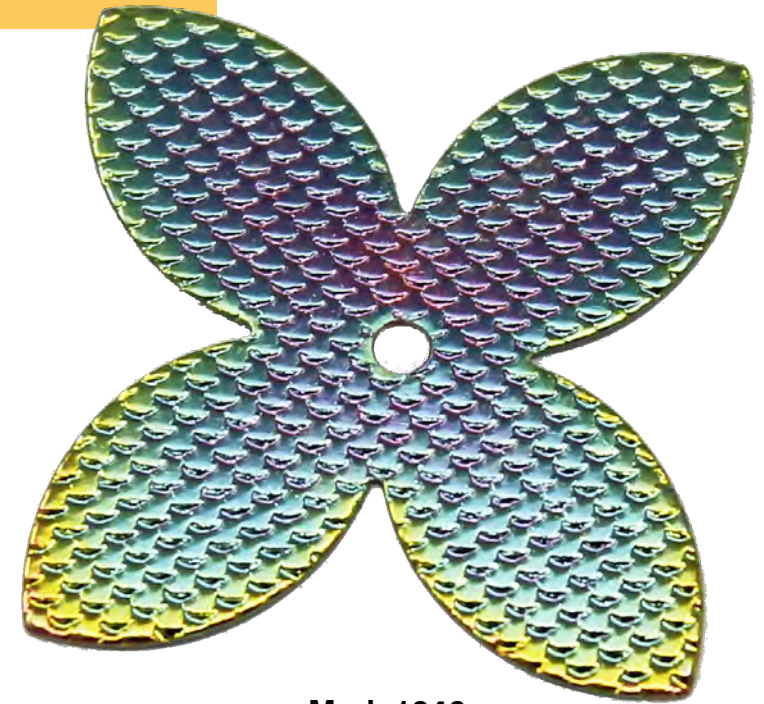
Green-copper coloring for immersion or brush applications, suitable for brass and copper

For further information click [here](#) or email us at commerciale@italgalvano.com.

Color Treatments

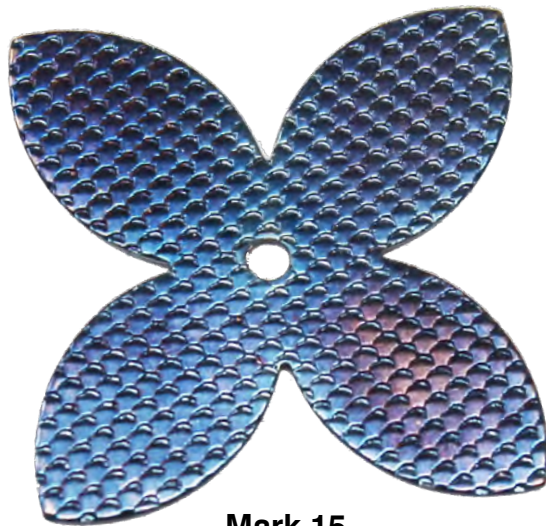
Our color treatments are used in a wide range of decorative applications, such as **jewellery**, accessories for **handbags** and **footwear**, but also windows and lighting, furnishing, and design pieces.

Our **Mark** product line features beautiful and versatile colorations, suitable for various decorative applications.



Mark 1046

Process for obtaining multi-colored deposits on nickel-plated surfaces



Mark 15

Immersion blue coloring for silver, silver-plated, nickel-plated or iron surfaces



Mark 71

Blackening for silver or silver-plated surfaces

Color Treatments

Bronzing is much appreciated for the elegant appearance it gives to metal surfaces. Our solutions allow us to obtain different shades of bronzing on **brass, copper,** and alloys, depending on the customer's needs.

Mark 511 (right image) is one of our best-selling decorative treatments and is utilized across the most varied industrial and decorative applications, including the **fashion** and **cosmetic** industries.



Mark 511

Antique bronze plating process
for copper and brass



Mark 130

Antique bronze plating process
for copper and brass



Mark 500

Antique bronze plating process
for copper and brass

For further information click [here](#) or email us at commerciale@italgalvano.com.

Blackening

Blackened finishes are very sought-after in furniture and bathroom fitting applications, thanks to the sophisticated appearance they provide.

Additionally, blackening is used in applications such as automotive, mechanical and plant engineering to guarantee **greater wear resistance**, prolonging the life of components.

Technic Italgalvano supplies several blackening processes to satisfy different customers' needs:

Mark 30

Direct blackening for ferrous material

Mark 833

Selenium-free direct blackening for brass

Mark SS 73

Room temperature blackening for stainless steel

Mark 45

Direct blackening for stainless steel



Mark 5333

Direct blackening for iron, steel, cast iron, and metal powders

Gold Plating

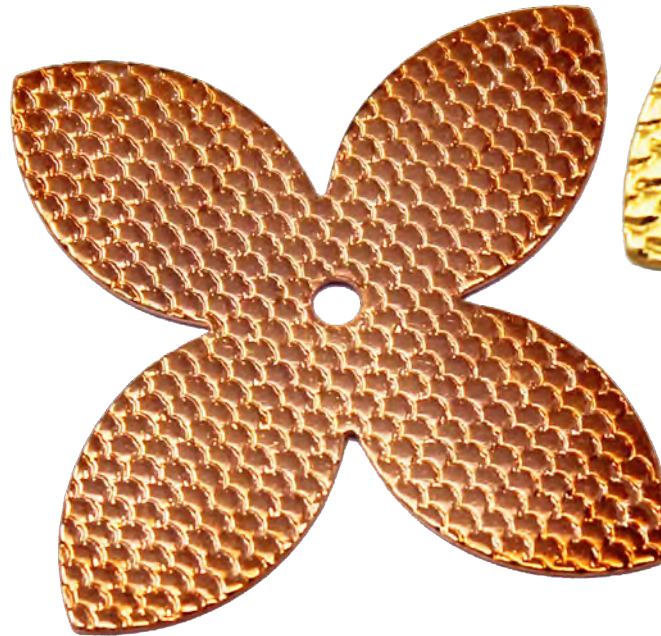
Technic Italgalvano offers a wide selection of electroplating processes (acid, alkaline and neutral) for **gold and alloys**.

Our gold alloys cover a variety of shades, from **pale gold** to **rose gold**, and are ideal for metal pieces used for fashion accessories, jewellery, and home decorations.



Techni Brown Gold

Acid gold plating with dark brown deposits



Techni NPD P4

Alkaline Rose gold (10 carats)



Aurotex 240

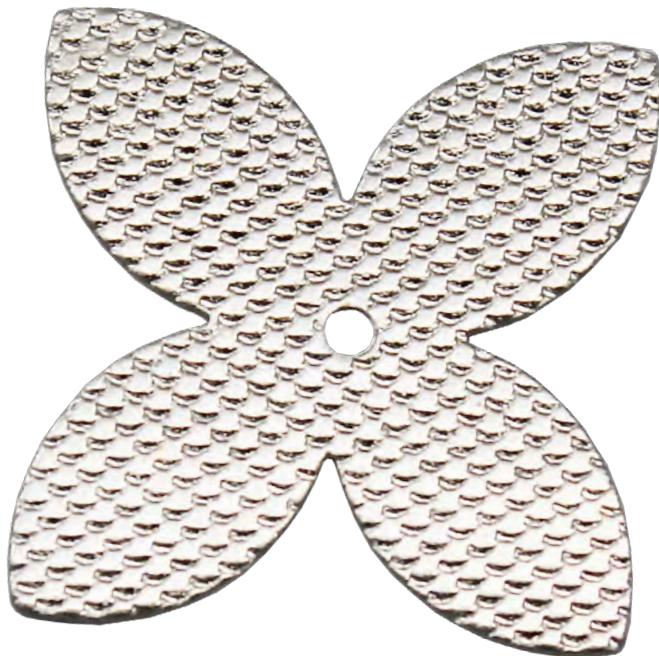
Gold plating process with neutral pH for rack applications

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Hypoallergenic Processes

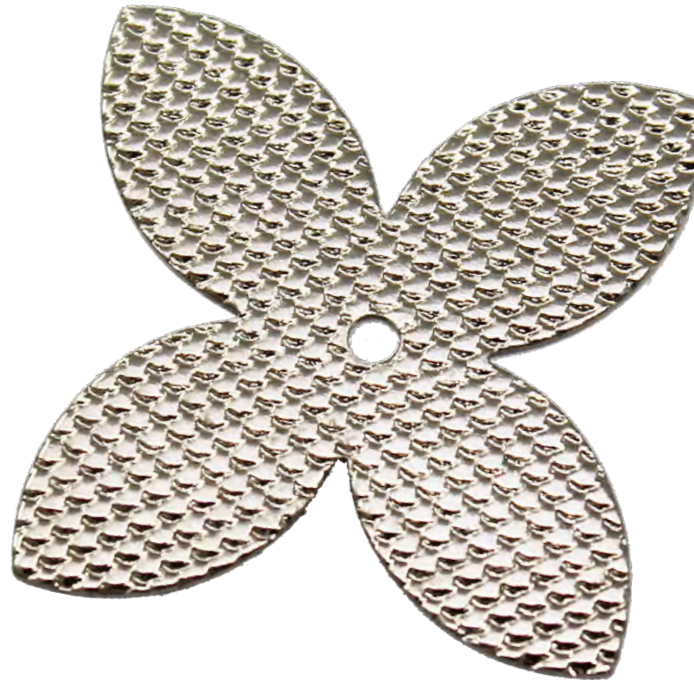
Metals used in the fashion and jewellery industries can sometimes cause allergic reactions or dermatitis when they come into contact with human skin.

The following **hypoallergenic products** guarantee excellent aesthetic and technical properties, making the final product more accessible and safe.



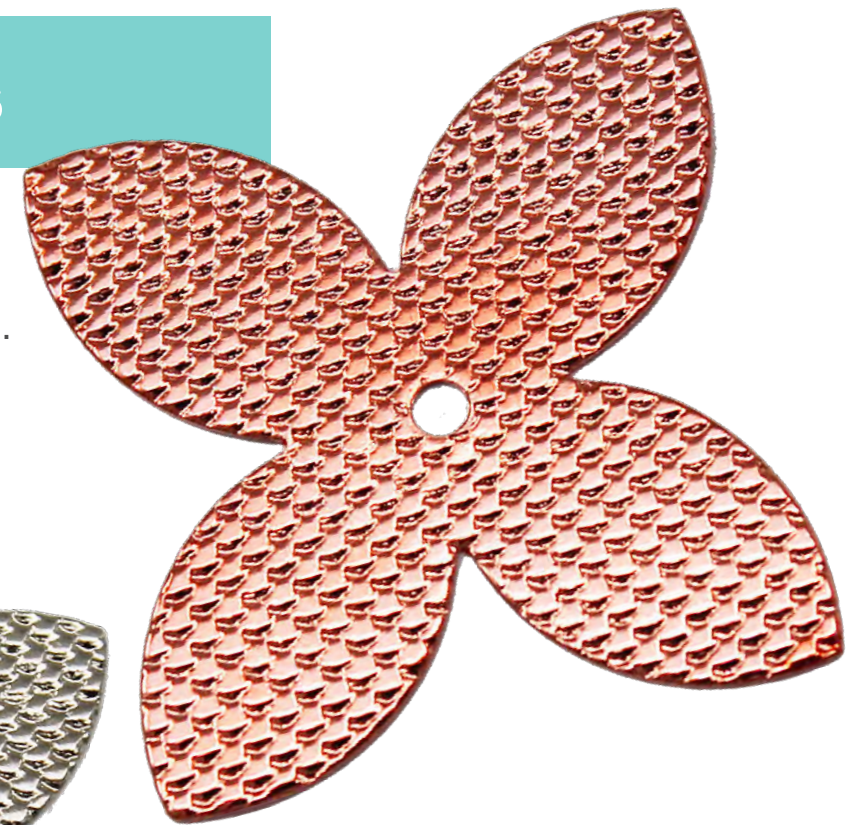
Techni White EGB

Bright white bronze plating process, with high resistance to corrosion and wear



Pallaspeed VHS D

Bright palladium plating process, extremely ductile and wear-resistant



Techni Copper Lux

Versatile bright copper plating process, with excellent leveling power

For further information click [here](#) or email us at commerciale@italgalvano.com.

Other Decorative Processes

In addition to all the solutions that we previously discussed, Technic offers many other decorative processes, including safer **cyanide-free** processes.

Visit our [website](#) to discover more about our plating chemistries.



Techni White Platinum Ruthenium

Acid platinum-ruthenium plating process



Rhodium IT 2

Bright rhodium process with excellent throwing and levelling power



Techni Silver Cyless® II W

Bright cyanide-free silver plating process

For further information click [here](#) or email us at commerciale@italgalvano.com.