

The **special varnishing** treatment, applied in mass, is performed by the use of an innovating production plant together with an high-performing varnish (acrylic resin). The main advantages of this process are the highest protection against the corrosive agents, main deterioration causes for metal items, and the highest decorative effect guarantees by the transparent layer, coating with a look extremely uniform and beautiful.

Main features:

- NOT DANGEROUS product, compliant with the current Directives concerning dangerous substances: 2000/53/CE; 2002/45/CE; 2002/62/CE; 2002/95/CE (RoHS); 2004/96/CE; 94/27/CE; 2002/61/CE; 2001/95/CE; 2003/11/CE; 2004/21/CE; 2003/36/CE; 2003/53/CE; 2006/122/CE; Regulations 1907/2006 (REACH)
- Transparent look able to give high gloss to the surfaces
- Applicable on items with any geometry with maximum size of 3 x 3 cm
- Applicable on several types of raw material: zamak, steel and alloys, copper, brass and alloys, magnesium, aluminium and its alloys
- Applicable on several types of surface finishings: nickel, gold, gun metal, copper, brass and silver plating, precious, palladium, rutenium, antique and special finishings and so on
- Excellent adhesion of the coating measured by Cross Cut test
- Transparent coating thickness included in 5-10 micron, variable on the basis of items typology
- Surface hardness of 2-4 H
- High corrosion resistance , able to pass several tests, such as: Nox + SO₂ ("CHINA"); Sulfur Anhydride (UNI ISO 4524/02); Moist Heat with leathers (EN ISO 4611/01); Thioacetamide (ISO 4538); Neutral Salt Spray (ISO 9227); Syntethic Sweat (NFS 80-772)
- Excellent resistance to the acetone, acids and water

- Totally absence of drops, smears and accumulation of varnish
- Possibility to perform a galvanic coating with lower thickness: using this innovating process is possible to reduce considerably the thickness of the galvanic coating, reducing the costs mostly in case of precious metal coatings
- Application fields: clothing, leather and shoes accessories and any item addressed to several sectors where are demanded high aesthetic effects and high corrosion resistance.



This informations are the result of internal production testing and analysis. This is not intended as a guarantee of the results obtained from the use of the products.