

<b>ITALFIMET</b>	<b>Technical specification for galvanic plating</b>	Specification Number: 1000906 Date: 06/05/2020 State: Definitive Release: 0 Compiled by: Consulting Department Mail adress: <a href="mailto:consulting@italfimet.it">consulting@italfimet.it</a>
<b>DEA</b>		
Division: <b>LEATHER</b>	Name: <b>GOLD</b>	Code: <b>N.A.</b>
<b>Process in compliance with REACH and Proposal 65</b>		
Base material	<b>BRASS/ZAMAK</b>	
Galvanic	<b>STATIC/ROTOBARREL</b>	
Process	<b>NICKEL FREE</b>	

**NOTE:** It may be cases that some articles has special application, can't be treated respecting this technical specification. These situations must be evaluatend each time. The galvanic process can be start only if the base material is free from defects about molding, roughing and polishing. This galavanic process must satisfy the technical performance established by the Brand.

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### Preparation

The metallic accessories must be arrive to the galvanic industry without defects. Flat accessories will be prepeare with shiny mechanical polishing, the others will be treat in vibrators with ceramic materials and liquid soap to polish the surface.

### Galvanic

PROCESS	STATIC	ROTOBARREL*
1° NPT.: Alkaline Copper RAMAL ITALFIMET (for zamak and brass if necessary)	8 - 10 µm	3 - 4 µm
2° NPT.: Acid Copper CUPPER 350 ITALFIMET	8 - 10 µm	2 - 3 µm
3° NPT.: White Bronze BRINDOX 6,1 ITALFIMET	2 - 3 µm	2 - 3 µm
4° NPT: N.A.		
5° NPT: N.A.		
6° NPT: N.A.		
1° PT: PALLADIUM ITALFIMET P4600 0,20 µm		
2° PT: GOLD PLACCATURA GA 2779 ITALFIMET 030 µm		
3° PT: N.A.		
4° PT: N.A.		
5° PT: N.A.		

### Finishing process

Satin: N.A.  
 Vibrate: N.A.  
 Finishing: N.A.

### Varnish

N.A.

**\*OR ITEMS TREATED IN STATIC PROCESS WITH MECHANICAL APPLICATION**

### Range of color

L= 83 - 87 ; a= 7,5 - 9,0 ; b= 30 - 33

NPT = Not Precious Tickness - PT= Precious Tickness - N.A.= Not Applicable

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<b>NOTE</b>	<p>1. The precious metal thicknesses are always medium in the surface.</p> <p>2. It may be cases that some articles has special application, can't be treated respecting this technical specification. These situations must be evaluatend each time with DEA</p> <p>3. N.A.</p> <p>4. N.A.</p>
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<b>QC Process</b>	<p>1. Adhesion test (UNI ISO 4524-5 1988 on galvanic thickness or UNI ISO 2409:2013 on varnish) on each production lot</p> <p>2. Bending test (EN ISO 4524-5-5) on each production lot when it's required</p> <p>3. N.A.</p> <p> </p> <p> </p> <p> </p> <p> </p> <p> </p> <p> </p>
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<b>Release</b>	<p>Release 0 06/05/2020: New specification</p> <p>Release 1 :</p> <p>Release 2 :</p> <p>Release 3 :</p>
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