



ARTESANÍA DE BRONCE Y ORO

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1. Geographic Area

1. The geographic area of this craftsmanship is Extremadura and Andalucia, Spain.



2. Craft characteristics

1. **Name:** Bronze and Copper crafts.
2. **Category:** Metal and ironwork.
3. **Country:** Spain.
4. **Provided by:** UMA.
5. **Source:** Internet, YouTube, RTVE.

3. The technique

1. **Limoges:** It consists of a technique of "painting" with the enamel in which different colors of enamel are placed next to each other without the separation of wires or some metal surface.
2. **Champleve:** Procedure where the enamel is embedded in depressions in the metal, leaving the metal exposed. Depressions are made by an engraving process, although there are other methods. This technique has been one of the most used with the enamel technique.
3. **Transparency:** Enameled to fire on metal that involves successive burns, emphasizing the nuances and oxidation lines of both the metal and the enameled surface.
4. **Stencil:** for this procedure a template with a cut pattern is used to apply the enamel powder, throwing it with a sifter through said cutout, obtaining a drawing with that shape.

4. Used Materials

For the production they've used the following materials:

1. Sifter openwork
2. Enamel
3. Metal wire
4. Metal sheet
5. Template
6. Powder enamel



5. History

- Bronze is all metal alloy of copper and tin.
- Bronze was the first alloy of importance obtained by man and gives its name to the Bronze Age. Bronze was significant in any civilization that found it, constituting the most innovative alloy in the technological history of mankind.
- Copper is one of the few metals that can be found in nature in the form of native copper, that is, not combined with other elements.
- It was one of the first metals to be used by humans in prehistory. Copper and its alloy with tin, bronze, acquired so much importance that historians have called the Copper Age and the Bronze Age two periods of antiquity.



6. YouTube vídeos

- https://youtu.be/IJX72P72u_8 a video of a workshop in Salamanca.
- <https://youtu.be/Bwu2Oka54hs> a video of the cooper artesany .
- <https://youtu.be/IL61u5uRcdk> a demonstration of how to make bronce artesany.

7. Gallery

