

# Stained glass technique (business culture work)

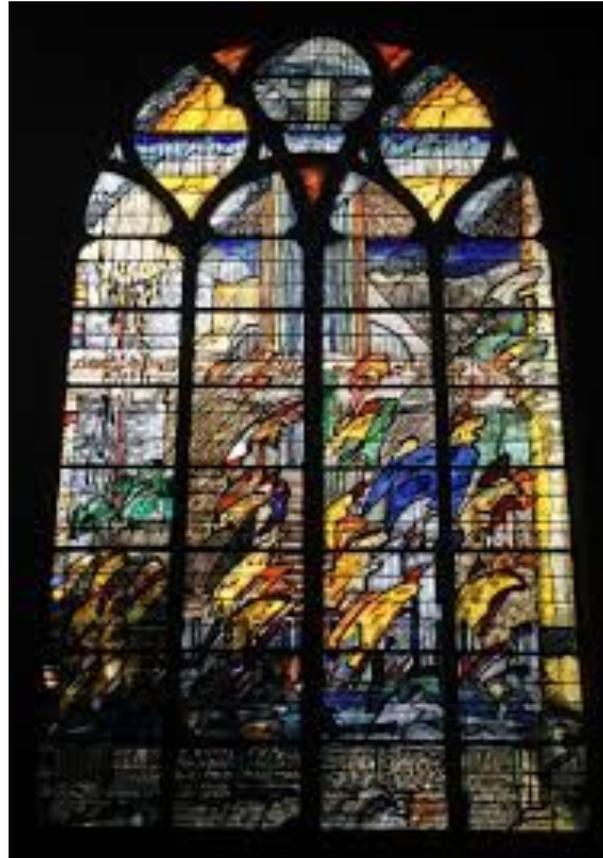
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# 1.geographic area

this work is located in spain more specifically in the province of andalusia and specifically in the city of malaga



## 2. craft characteristics

This element represents a typical colorful window of a church, also known as stained glass made of "came", molten

colored glass.

- The leaded, leaded showcases are decorative windows made with small sections of glass held by "comes".

- The technique used is that of colored glass where the "comes" of colors are fused.

- The main material used is the glass called "came" which is made from smaller pieces of glass to create huge sections of

glass that will become leaded windows.



## 3. the technique

- Fusion

It is about the glass reaching its melting point (chemical reaction) by heating it at high temperatures to mold it.2 If we want colored glass we will add sulfides, oxides and selenite. Finally it will proceed to a slow cooling of the same.

- Blown

It is a well-known fusion technique that attempts to fuse the blown glass through a tube forming bubbles to shape it, and a steel or bronze mold (non-industrial technique) can also be used. It is a

difficult technique that requires experience and imagination on the part of the artist in question (steps to follow, avoid sudden changes in temperature ...)

- Direct engraving

Direct engraving is a complicated technique consisting of creating drawings on the glass with a steel pencil and diamond dust



## 4. used materials

According to its texture Cathedral glass. - Cast glass with shell texture. Printed glass - Strained

cast glass with rollers that print various textures. Hammered glass. - Blown glass with hammered mold marks. Cracked glass. - Blown glass with thermal break of the surface layer of the glass. According to your color Colored glass - Glass of several colors combined in a non-uniform way. According to its transparency Opal glass - Reduced transparency glass, alabaster effect. Opalescent glass. - Combination of opal and transparent glass with non-uniform distribution.

According to surface effects Iridescent glass. - With pearly surface treatment. Dichroic glass With treatment using techniques that cause reflections of light forming drawings on the glass surface. According to their layers Plaque glass. - Blown glass in which to



## 5. history

This "came" is made of: lead, zinc, copper, metal or leaded brass. This technique has its origin in the Roman and

Byzantine era, but had a great presence in the late Middle Ages throughout Europe.

- In this video we see an example of colored glass crafts and the process of creating a small window which is shown with the fusion of the leads.

## 6. youtube videos





## 7. gallery

