

FERRÉS

Our business strategy promotes sustainable practices to operate in a responsible and sustainable way in the long term, taking into account the environmental, social and economic impact of our activity.

CO₂
neutral

We are 100% carbon neutral.
See certificate →



Raw materials

We only use 100% natural materials, such as earth and water, to manufacture our pieces.

Of the 10% material waste produced during production, 5% is reintroduced back into the process

Terracota - Rojo 15



Origin¹: la Bisbal

Terracota - Arena 14



Origin¹: Teruel

¹The origin of these raw materials varies depending on the product's finish. In order to reduce the environmental impact of transportation as much as possible, we work with clay suppliers in local areas and guarantee that the extraction of the materials is carried out in a responsible, regulated and safe way

Efficient manufacturing in terms of the resources and energy we use is a major challenge. That is why we try to reduce and/or implement our consumption with renewable energies, minimising our impact on the environment.

2022

We have reduced gas consumption

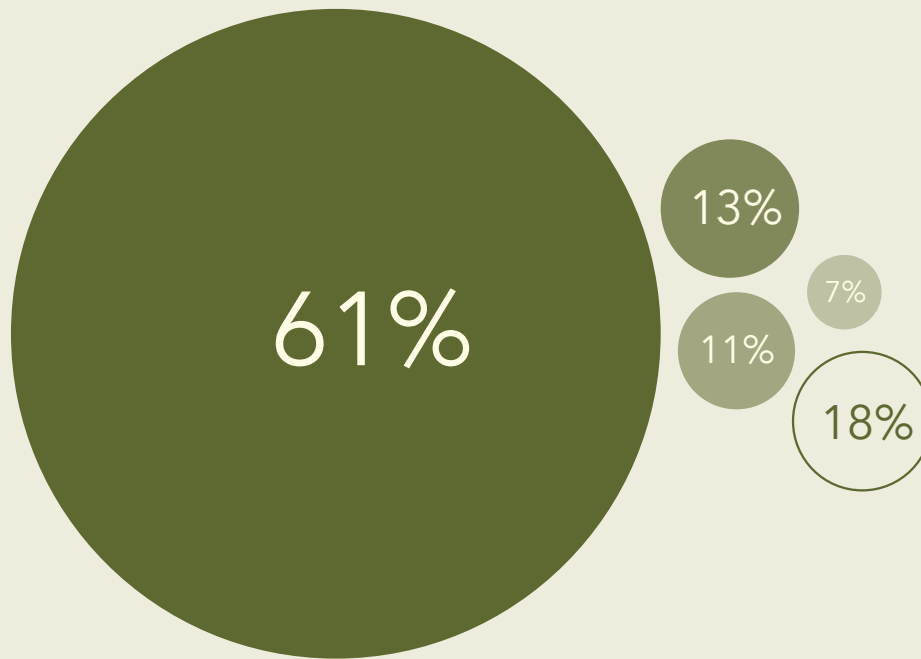
– 20%

We have reduced electricity consumption by kg produced

– 17%

To a great extent, the heat left over from the kilns is used to dry the pieces prior to the firing process.

Emissions inventory 2022



61%

728 tCO₂e = Stationary Combustion

These emissions are linked to the kilns, which are indispensable in the production chain. In recent years, we have opted for more efficient systems to reduce these emissions.

13%

152 tCO₂e = The process of decarbonation of carbonates in the clays and of carbonates during the firing of the pieces

These process emissions would still be generated even if the firing system is modified, since at a certain temperature, the chemical reactions occur spontaneously.

11%

128 tCO₂e = Production and Transport of the Energy Consumed

These could be reduced when the energy mix is changed and in turn consumption would be reduced.

7%

84 tCO₂e = Imported energy

Part of the electricity consumption is provided by a renewable energy supplier, which significantly reduces the emissions from electricity consumption. At the same time, this figure is expected to be reduced by 2023 due to the installation of photovoltaic panels for self-consumption.

18%

222 tCO₂e = Other indirect emissions

Part of the emissions from the production and transport of energy, those from purchased products, purchased capital goods and, to a lesser extent, waste and waste water.

In total: 1,195 tCO₂e of emissions with the activities carried out during 2022.


We have fully offset our greenhouse gas emissions.


CO₂
neutral


We are a 100% carbon neutral company.


Characteristics of the ceramic materials


150
YEARS
High durability and good weathering
The service life is estimated to be at least 150 years (*according to DAP1*). Over time the material acquires a beautiful character of its own.

**Easy maintenance and cleaning**
Without the need to use harmful chemical products.

**Flame retardant**
A natural characteristic of the material: it is non-combustible and does not produce toxic gases in case of fire. Reaction to fire Euroclass A1.

**VOC free**
It does not emit volatile organic compounds, hazardous substances or gases indoors.

**Environmental humidity regulation**
Moisture in the air can be absorbed by the porosity of the material when the relative humidity is high, and released when the indoor air is drier.

**Cross ventilation- Lattices**
Lattices are a constructive element that generates a two-sided wall, favouring air circulation in buildings and filtering sunlight in the hottest months, reducing energy consumption in the interior.

ISO 14020 TIPO II ENVIRONMENTAL SELFDECLARATION



We contribute to preserving the ceramic craftsmanship of La Bisbal, an area of Catalonia with a great ceramic tradition through history.



The carbon footprint report has been developed in collaboration with the environmental and sustainability consultancy Tecnoambiente.
