

BRIEF INTRODUCTION TO THE COMPANY

The company was built in 1964, in the village Hostalets de Pierola, 50 kilometers from Barcelona. More than 50 years of experience in the clay manufacture guarantees the quality of our products.

SUSTAINABLE PRODUCTION

WHY?

The energetic consumption of the building sector in Spain requires 40% of the intake of the available energy, due to the commitment of the company with sustainability; since 1994 we have invested more than 1 million Euros in developing a pioneer system using biogas as the principal source of energy. We are the only company in Spain using the biogas in our manufacturing clay procedures. This avoids the emission of CO² to the atmosphere. In clear data, using our products will avoid 25kg/m² of CO² emissions.

This information will be certified in an ecolabel with the exact figure of emissions savings.

HOW?

Can Mata landfill, a large quarry close to the factory, receives 600.000 tons of wastages per year and creates 3.000 m³ methane gas per hour. The degradation of the organical wastages creates a gas with a high level of CO² and methane. In this way the biogas emerges. To extract the biogas wells are dug in different locations of the landfill. Extracted and conveniently treated, the gas created by the organic material is sent to the factory with a pipeline. When the gas arrives to the factory through the pipeline it is used in the burners that provide thermal energy to the kilns.

Furthermore all the surplus of biogas is reused in other applications such as electricity generation or hot air generation.

WHAT?

Our manufacturing process to make bricks, pavers, brick slips and clay cladding products is based on biogas consumption as the principal source of energy, it represents more than the 80% of the energy we use. The rest is natural gas as it is essential for the correct firing process.

1.500 m³ biogas per hour = 12.500 bricks per hour

Savings on CO² = 16.700 tons/per year

10.000.000 m³/per year of biogas instead of 5.000.000 m³/per year of natural gas

In 15 years we have avoided 250.000 tons of CO² to the atmosphere

CERAMICA PIERA, CERAMICA PIEROLA, FLEXBRICK

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SPAIN

