

OUR COMMITMENT

A JOURNEY  
TOWARDS  
SUSTAINABILITY

undefasa  
always ceramics

# WE HAVE A COMMITMENT

## COMMITTED TO THE ENVIRONMENT

In 1967, we embarked on what would become one of the most exciting and extraordinary journeys through the world of ceramics. A long journey of more than 55 years marked by tradition, innovation and a constant commitment to sustainability, which has become deeply ingrained in our corporate culture, characterised by a deep respect for the environment. Since our beginnings, we have placed paramount importance on quality, well-being and habitat preservation, forming the cornerstone of our integral policy.

At UNDEFASA, we recognise the vital significance of integrating a constant commitment to nature in all our operations. We strive to continuously improve the sustainability of our processes and products to make a positive impact on our environment. Our unwavering commitment drives us to rigorously comply with all applicable environmental regulations, while carefully assessing the effects of our actions. Through meticulous planning and the adoption of responsible environmental management practices, we seek to minimise our environmental impacts and transition towards a more sustainable future.





WHAT DO WE DO?

REDUCCIÓN DE LA HUELLA DE CARBONO Y DESCENSO DE LAS EMISIONES DE CO<sub>2</sub>

**HIGH ENERGY EFFICIENCY**

Recovery of thermal energy from furnaces and optimisation of insulation, replacing burners with more efficient ones.

-15%

**GAS CONSUMPTION REDUCTION**

Reduction of gas consumption, with a consequent decrease in tonnes of CO<sub>2</sub> emissions into the atmosphere

-20%

**REDUCED ELECTRICITY CONSUMPTION**

**20%** reduction in energy consumption, avoiding **310 tonnes of CO<sub>2</sub>** emissions into the atmosphere and contributing to the **reduction of the carbon footprint**. This equates to the conservation at approximately **11,800 trees** planted per year.

**PHOTOVOLTAIC PLANT**

Installation of a photovoltaic plant for self-generated electricity consumption.

**DATA COLLECTION SYSTEM**

Measurement and monitoring of temperature and humidity in dryers in real time, as well as oxygen in ovens.

100%

**RECYCLING**

We recycle to minimise the consumption of natural resources. Reuse of waste from the production process.

# RESPECT FOR NATURAL RESOURCES

GOAL: MINIMISE ENVIRONMENTAL IMPACT

Undefasa allocates a significant part of its resources towards providing increasingly sustainable and efficient production.

In recent years, through our Environmental Management System focused on continuous improvement, we have successfully attained all outlined objectives, thereby diminishing our environmental footprint.

At Undefasa, we strive to meet the Sustainable Development Goals (SDGs) of the 2030 Agenda, adapting technological improvements throughout our production process and identifying each impact derived from our activity with the aim of reducing it.



The packaging used contains more than 70% recycled material.

70%



100% of the waste, both raw and fired clay, is recycled. The residues are fully valorised by authorised waste management companies.

100%



The wood and stretch film used are sourced entirely from recycled materials.

100%



We recover 100% of the water used in our operations. Wastewater from our production process is treated in a purification plant and the resulting sludge is reused as raw material by the atomiser, ensuring that 100% of the water is recycled.

100%



# SUSTAINABLE PROJECTS

## **REFORESTATION**

As part of our commitment to protect and recover the natural ecosystem, we allocate a portion of our land to reforestation.

## **PHOTOVOLTAIC ENERGY GENERATION**

Our rooftop photovoltaic panels serve as a source of renewable energy resources, leading to a 15.5% reduction in grid-based energy consumption.

## **VOLATILE COMPOUND-FREE CERAMICS**

UNDEFASA products are made from inorganic mineral materials without post-firing treatments, ensuring they are free from volatile organic compounds.

ALWAYS BESIDE NATURE

WE CREATE  
WITH RESPECT FOR  
THE ENVIRONMENT

AND THE WELL-BEING OF THE SPACES WE INHABIT.

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