

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?

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 CO₂ emissions into the atmosphere

-20%

REDUCED ELECTRICITY CONSUMPTION

20% reduction in energy consumption, avoiding **310 tonnes of CO₂** 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.

&

WE HAVE ACHIEVED
THE ISO 50001
CERTIFICATION



ISO 50001

WE HAVE GONE FURTHER IN OUR COMMITMENT TO SUSTAINABILITY

UNDEFASA has obtained the ISO50001 certification, which recognises our commitment to efficient energy management. This certification contributes to energy efficiency in our production processes and to sustainability, reducing our carbon footprint and promoting greener practices.



WHATS DOES ISO 50001 CERTIFY?

The ISO50001 certifies that UNDEFASA's facilities operate under the most rigorous standards of efficiency, reduction and optimisation of energy consumption and respect for the environment.

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ALWAYS BESIDE NATURE

WE CREATE
WITH RESPECT FOR
THE ENVIRONMENT

AND THE WELL-BEING OF THE SPACES WE INHABIT.

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