

Sustainability report



GRESPANIA

Introduction

From its very beginning, Grespania's respect for the environment has been one of its fundamental values. Grespania has been a pioneer in the development of environmental sustainability policies, targeting its research and innovation at this field. True to this commitment, it has implemented various environmentally-friendly programmes, such as the installation of its wastewater treatment system, the cogeneration project or planning its tile manufacturing plant in line with the zero-waste concept.

Throughout its history, Grespania has been firmly committed to developing strategies aimed at minimizing the impact of its production processes on the environment. To that end, it has always used natural raw materials of the highest quality and has developed processes involving the most advanced technologies.

Grespania's current range of products includes floor tiles that minimize the generation of waste during construction projects, and wall tiles that purify the air in the atmosphere.

Keenly aware of the need to slow climate change and protect the environment, Grespania has incorporated into its business policy and its strategic plans measures that help bring about short-, medium- and long-term improvements in the environment and in society.



2.2 RESPONSIBLE WATER CONSUMPTION



Grespania is acutely aware of the need to look after and respect our water resources, which are central to sustainable progress and fundamental to the development of healthy ecosystems and human survival. Water is a scarce and irreplaceable resource that is crucial for people's well-being; it can only be considered a renewable resource if it is well managed.

In Grespania's factories, all the water coming out of the industrial process is subjected to a physical-chemical treatment process, separating out and concentrating the polluting elements. Once concentrated and rendered inert, they are recycled and reintroduced into the production process.

When it comes to the industrial treatment of liquid waste, Grespania leads the way in Spain. In 1976, it installed the first physical-chemical treatment system. In 1986, it invented the "zero waste" process in the ceramic sector, recycling both ceramic waste and water from the industrial process in the spray-drying facilities. In 1996, it became the first tile manufacturer to install a reverse osmosis system for the treatment and recycling of water from the industrial process.



The water from the polishing processes circulates in a closed circuit, where it is treated by decanting the suspended solids, which are then concentrated in a filter press and subsequently recycled. The water used in the glazing lines is also treated. Its pollutants are precipitated and then incorporated as inert material into the clay used to make the tiles.

All the inflows and outflows of the water treatment systems are subject to frequent analyses to determine the concentration of pollutants or the purity of the treated effluent.

In addition, all the cutting and rectification lines have been updated to work with dry machining, thus reducing the use of water in these processes.



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GRESPANIA S.A. uses a
managment system within its'
facilities of Nules, Moncofar and
Castellón in accordance with
ISO 9001:2015 certificate N° 44
100 127697 and ISO 14001:2015
certificate N° 44 104 127697.

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GRESPANIA S.A. DISPONE DE UN SISTEMA DE GESTIÓN DE ACUERDO A LAS
NORMAS ISO 9001:2015 CERTIFICADO N° 44100127697 E ISO 14001:2015
CERTIFICADO N° 44104127697 EN SUS PLANTAS DE NULES, MONCOFAR Y
CASTELLÓN.

GRESPANIA S.A. USES DE MANAGEMENT SYSTEM WITHIN ITS FACILI-
TIES OF NULES, MONCOFAR AND CASTELLON IN ACCORDANCE WITH ISO
9001:2015 CERTIFICATE N° 44100127697 AND ISO 14001:2015 CERTIFICATE
N° 44104127697.