



Rosa Gres commitment to the future

proyectozero

consume less re-use more work better think about the future

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We must all take responsibility for a future sustainable world, and ROSA GRES is no exception.

That is why one of the fundamental values of our company is to operate all of our facilities under the strictest environmental controls and to develop increasingly sustainable products and production processes.

We are all involved in this ongoing process of improvement, which will help us become a better business.

Marcelino Sugrañes

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## consumeless

We use techniques and new technologies that minimize the use of natural resources.

### ZERO/WASTE PROGRAM

In Rosa Gres we recycle 100% of the water we use, thanks to the installation of our new water treatment system.

We use a physical-chemical process to separate water from sludge. The sludge is recycled and is reintroduced into the ceramic slip. The reclaimed clean water is reused in the production process, thus creating a totally sustainable closed loop.

Rosa Gres filter 50 m<sup>3</sup> of water daily, and save 11,000 m<sup>3</sup>/year which equals... ¡730 private pools a year!

### ELECTRICITY AND GAS

22% less CO<sub>2</sub> emissions.  
26% less NATURAL GAS consumption.  
20% less energy consumption for LIGHTING.

### EFFICIENT CONTROL OF CONSUMPTION AND EMISSIONS

- We minimize energy consumption and CO<sub>2</sub> emissions.
- We generate hot water using solar energy.
- We control our electricity consumption online.
- We control our water consumption online.
- We control our CO<sub>2</sub> emissions online.



Water treatment system in Vallmoll



## re-usemore

Our products are more recycled and more recyclable.

### CLAYS

Our goal is to reuse all waste generated in the manufacturing process.



All rubble is re-introduced into the clay and it's re-used as ceramics.



We analyze the processed rubble to determine whether it can be used in base materials for roads or highways, or for ceramics.

Every base piece contains 45% pre-consumer recycled materials.  
Every special piece contains 55% pre-consumer recycled materials.

### PAPER AND WOOD

**3125**  
**trees**  
**saved**  
**each year**

**How? Thanks to our new packaging system.**

We have changed the format of our pallets to europallets that have a recycling co-efficient of 6 minimum.

We minimize packaging waste.

We use recyclable packaging materials that are chlorine-free. We participate in the program Eco Enves.

From 2011, our catalogues are print with recycled paper.

## **workbetter**

We manage and control all our waste so we can reuse it.

### **ZERO/RESIDUO PROGRAM**



Thanks to its zero/waste program, Rosa Gres reuses and classifies all waste

In our Vallmoll factory, we have 30 points established. Each type of waste is separated and stored in a special manner to optimize management. We have 24 distinct waste

We resell waste to authorized companies, which recycle and convert them into new products.

### **Integrated Environmental Authorization (AAI): TA no. 2009-0037**

**Rosa Gres** applies the latest BREF published in 2006 and is compliant with the Best Available Techniques (BATs) for the ceramics sector.

**Rosa Gres** industrial activity does not have a significant effect on environmental vectors and it has a moderate environmental impact on the conservation and protection of the environment and natural resources.

The new Rosa Gres factory in Vallmoll, is considered a low-emissions facility)

# think about the future

Rosa Gres is a pioneer in sustainability.

We are committed to transparency in information and we support all initiatives that favor greater respect for environmental values.



**DAP: Rosa Gres is one of the first companies to have been awarded the DAP Ceramics certification for all of its products**

Rosa Gres was part of a technical committee that developed DAP guidelines, was involved in the pilot tests and is one of the first companies to have been awarded that certification. DAP construction is a new type III European eco-label that has been designed to assess the environmental impact of a product over its life cycle and the degree to which manufacturing processes are eco-friendly.



**CRADLE TO CRADLE: The proyecta series was our first product to be certified C2C**

All Rosa Gres processes are inspired by Cradle to Cradle principles. The proyecta series was our first product to be certified Cradle to Cradle in Silver category. We design our products with a focus on their reuse and continuous transformation, which is the new goal of the sustainability in society.



**LEED: Our products and systems can help earn LEED points in architectural projects**

All Rosa Gres products can help earn LEED points. The LEED rating assesses the sustainability of a building using a points system. Points are obtained based on an analysis of the various stages in the construction process, the products used and the design of a building.



**FSC certificate for wood: We ensure controlled and sustainable extraction**

At Rosa Gres, we ensure that all the wood that we use in grates comes from sources that are committed to sustainable forestry practices. Forest Stewardship Council (FSC) certification is important because it guarantees that the wood has not been harvested from an exploited forest.



**GREEN BUILDING COUNCIL: Rosa Gres associate member since June 2010**

The basic aims of the GBCE are to contribute to the transformation of the market toward more sustainable building practices. The GBCe is a full member of the international not-for-profit association, the World Green Building Council ([www.worldgbc.org](http://www.worldgbc.org)), and the only authorised chapter of the association in Spain.