

# GARDEN STATE TILE

Together We Can Design For Life

## Recycled material

Dear Sirs,

Regarding the content of recycled material of our products, please note the following:

### 1) LEED CREDIT MR 4.1

We confirm that our products contains over 10% of recycled raw material.

### 2) LEED CREDIT MR 5.2

We confirm that production is made with over 20% of regional raw material.

### 3) LEED pre-requirement EA 2

Minimum Energy Performance.

Ceramiche CCV Castelvetro has a total recovery loop enabling lower consumption with a decisive decrease of emissions in the atmosphere.

### 4) LEED CREDIT EQ 4.2

Product with low emissions of V.O.C.

All products of Ceramiche CCV Castelvetro are in accordance with:

EN ISO 10545,6 - EN ISO 10545,7 - UNI EN ISO 10545,13 - UNI EN ISO 10545,14 - UNI EN 14411 and ECOLABEL certified.

Based on all of the above, our Environmental Manager can state that our **ECO-IMPACT** is above the **20%** of recycled material.

Best regards

**FACTORY:** CERAMICHE CCV CASTELVETRO**SERIES:** gres colored body products

<b>CRITERIA</b>		<b>RESULTS</b>
Extraction of resources	Compliance with EU directives/UN Convention	compliance with EU directives 93/43/CE(Habitat) and 79/409/CE(Birds)
	Coefficient of visual impact	<30%
Production Process	Energy consumption in firing	ERF<70MJ/mq
	Water consumption	11 litre/mq
	Type of energy used	Natural gas
	How/where energy is used	the thermal energy is used into the kilns and re-used into the cogeneration system
	Cold emissions into the air	<5g/mq
	Emissions into the air in the firing process	powder<200mg/mq - Nox<2500mg/litre - Cr<0,15mg/litre - Pb 0,15mg/litre
	Emissions into the water	no emissions into the water (closed-circuit)
	Percent of pre-consumer recycled material content	30% water and 4% solid materials
	Percent of post-consumer recycled material content	4% solid materials
	Provide separate documentation regarding testing standards and ability to meet them	Eco Label certification Nr. IT/21/012
Waste management	Management system	Collection for recycling
	Waste recycling	scrap fired tile is recycled by a cement factory
Distribution	Recycling circuit	split recycling
Suitability to the use	Test in accordance with the series of ISO 10545 standards	yes
Disposal	Recycling circuit	the garbage disposal plan is compliance with recycling circuit

## **Ceramiche Castelvetro is an eco friendly company using 100% non-toxic and lead-free glazes.**

In almost forty years, we have become an expression of that Made in Italy which is the symbol of a winning system, thanks to the continuous search for quality, technological innovations and esthetic development. This care for every single detail and every single customer has allowed Ceramiche Castelvetro once again to originate an exclusive vision. A product idea that goes beyond the simple beauty resulting from esthetic research and design, able to capture the fascination of the surroundings without changing them, to express the experience of every place giving it respect for environment, a true universal value.

Right when respect for oneself is a major requirement, our work cannot therefore only be conceiving new styles and design, using of more and more efficient technologies and creating top quality products: it must be included in a broad process finally aimed at responsible development. Our daily target must be fully expressing new ceramic trends totally respecting the surrounding environment.

Ceramiche Castelvetro has started this process 10 years ago already, using a highly eco-compatible productive system, a project for recovering process water and energy in a ceramic drying system that was awarded the **ENEA prize** in 1999 for sustainable development. The most recent step of this process has been the installation in 2009 of the biggest and most eco-friendly kiln in the ceramic district. The energy saving kiln at Ceramiche Castelvetro represents an innovative system able to recover heat as much as possible reducing operating costs. The result is a total recovery loop enabling lower consumption with a dramatic decrease of emissions in the atmosphere.

This steady engagement of ours in an increasingly perfect industrial eco-compatibility, searched through the sustainable technological development, using 100% **non-toxic** and **lead-free** glazes, can count on the **ECOLABEL** mark. This is why Ceramiche Castelvetro has made the respect for environment an excellence value. Not only an intangible ethical principle to be associated with its brand, but a true and distinctive whole of company qualities as human resources, research on product and technological innovations are.

“it’s true that you are not responsible for what you are, but you are responsible for what you make” (Jean-Paul Sartre)