



# The green side



Emilceramica products are produced in the Emilceramica plants, with a quality system that has been certified in accordance with the UNI EN ISO 9001 standard since 1997.

In September 2009, this certificate was upgraded to UNI EN ISO 9001:2008, the new edition of the standard.

In September 2011, Emilceramica integrated the environmental management system certified under the UNI EN ISO 14001:2004 standard, to operate alongside its quality management system.

The UNI EN ISO 14001:2004 standard provides criteria for the identification of significant environmental aspects and for the application of a systematic method for measuring capability for compliance with legal requirements on environmental protection and achieving voluntary environmental targets.

Guarantees that the sites covered by the certification implement a correct, proactive corporate environmental management policy.

Manages relations with all stakeholders by means of clearly defined procedures.

The integrated quality/environmental management system is applied at all the production sites and covers all the activities involved in the design and development, production and sale of spray-dried tile body mixes and glazed porcelain, porcelain and white monoporosa ceramic floor and wall tiles and trims, together with the relative customer care service.

Both systems are certified by Certiquality, the leading certification body with Accredia accreditation.

Emilceramica S.p.A. corporate policy has always been based on respect for the environment.

Over the years, the company has implemented genuine environmental protection projects, with the aim of reducing the environmental impact of products and processes. These have included:

## COMPLETE WASTEWATER RECYCLING



In 1982 Emilceramica S.p.A. became one of the first companies in the industry to establish a closed water cycle. After chemical-physical treatment, all wastewater from the production plants is reused in the tile body mix grinding process.

## TOTAL RECYCLING OF PROCESSING WASTE AND SLUDGE



Emilceramica S.p.A. has been reusing unfired reject tiles and ceramic sludge in its tile body mixes since 1989, thanks to an authorisation originally granted on a trial basis.

## PRODUCTION OF OWN ELECTRICITY WITH A COGENERATION PLANT



Emilceramica S.p.A. installed a cogeneration plant enabling it to produce its own electricity in 1992.

## FULLY RECYCLABLE PACKAGING MATERIALS



Emilceramica S.p.A. has been using fully recyclable packaging materials (paper, cardboard boxes, pallet hood plastic and wooden pallets treated in compliance with FAO regulations) since 2000.

## LIFE CYCLE ASSESSMENT



Since 2012, LCA-LIFE CYCLE ASSESSMENT determines the CARBON FOOTPRINT of ceramic tiles for floors and walls.

The Emilceramica group has been a member of the USGBC (US Green Building Council) since 2008.

In 2010 it also became a member of the Green Building Council Italia (GBC Italia), implementing and adopting its rules by manufacturing series of products in accordance with the principles of environmental sustainability.

This sustainability is also expressed through certification under the LEED (Leadership in Energy and Environmental Design) system, a system for the certification of sustainable construction criteria developed by the USGBC (US Green Building Council) and introduced in the United States in 1999.


LEED certification is not a form of product certification; it is a certification that assesses and demonstrates buildings' environmental, social and economic sustainability from the design phase through to routine management.

It uses a flexible assessment system which is applicable to various types of building while retaining a single evaluation approach.



## LEED CREDITS

### GOTHA

	NC - CI - CS SCHOOLS*	HOME	
ENERGY AND ATMOSPHERE Optimize energy performance	EA 1	EA 1	0,6 - 0,7 W/mK
MATERIALS AND RESOURCES Construction waste management	MR 2	MR 2	<u>sheet attached</u>
MATERIALS AND RESOURCES Recycled content	MR 4	-	pre-consumer: 0%
INDOOR ENVIRONMENTAL QUALITY Low emitting materials - flooring systems	IEQ 4,3	-	No VOC Emissions
INNOVATION AND DESIGN PROCESS Exemplary Performance 	ID 1	ID 3	-

\*NC= LEED 2009 New Construction; CI= LEED 2009 Commercial Interior; CS= LEED 2009 Core & Shell; SCHOOL= LEED 2009 Schools.



An exemplary performance point may be earned for achieving double the credit requirements and/or achieving the next incremental percentage threshold of an existing credit in LEED.

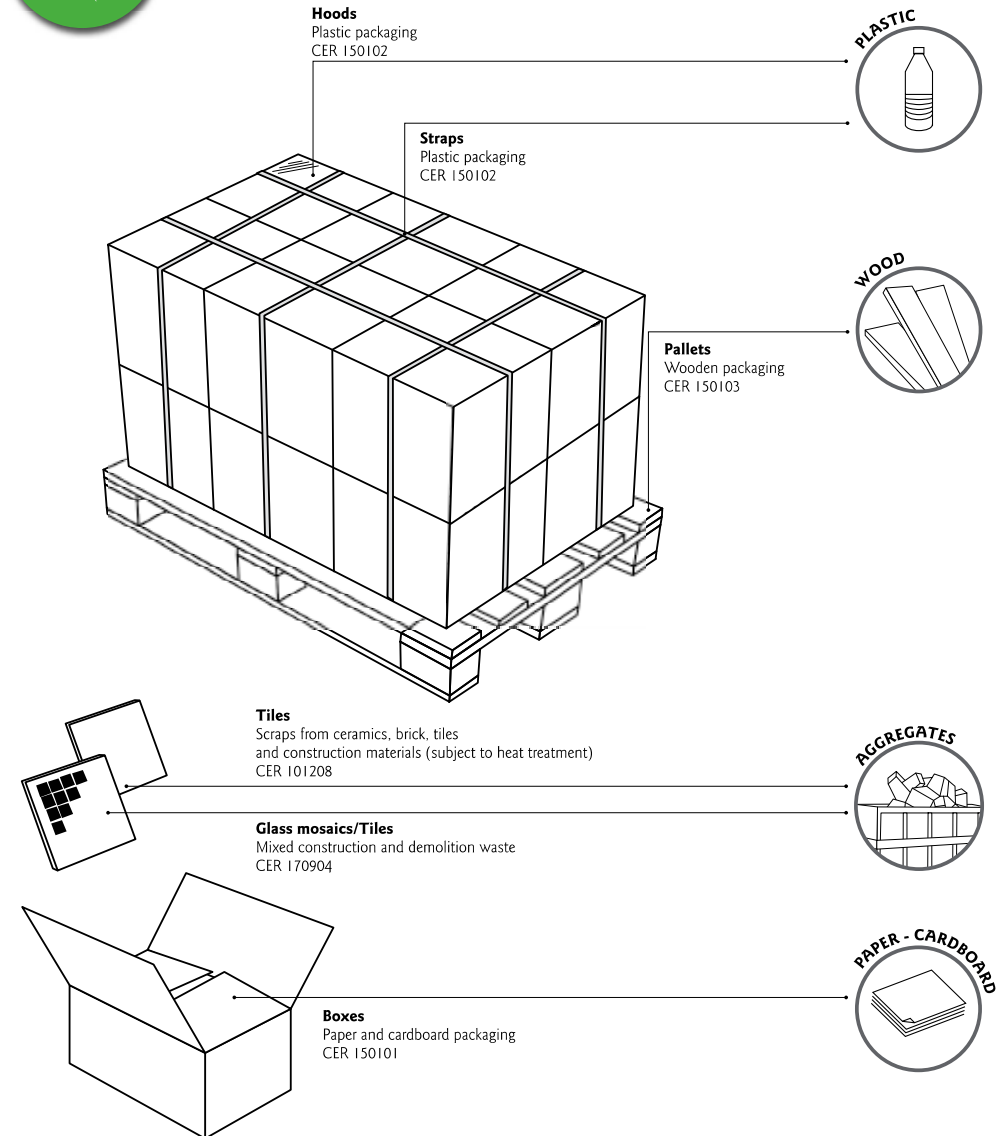
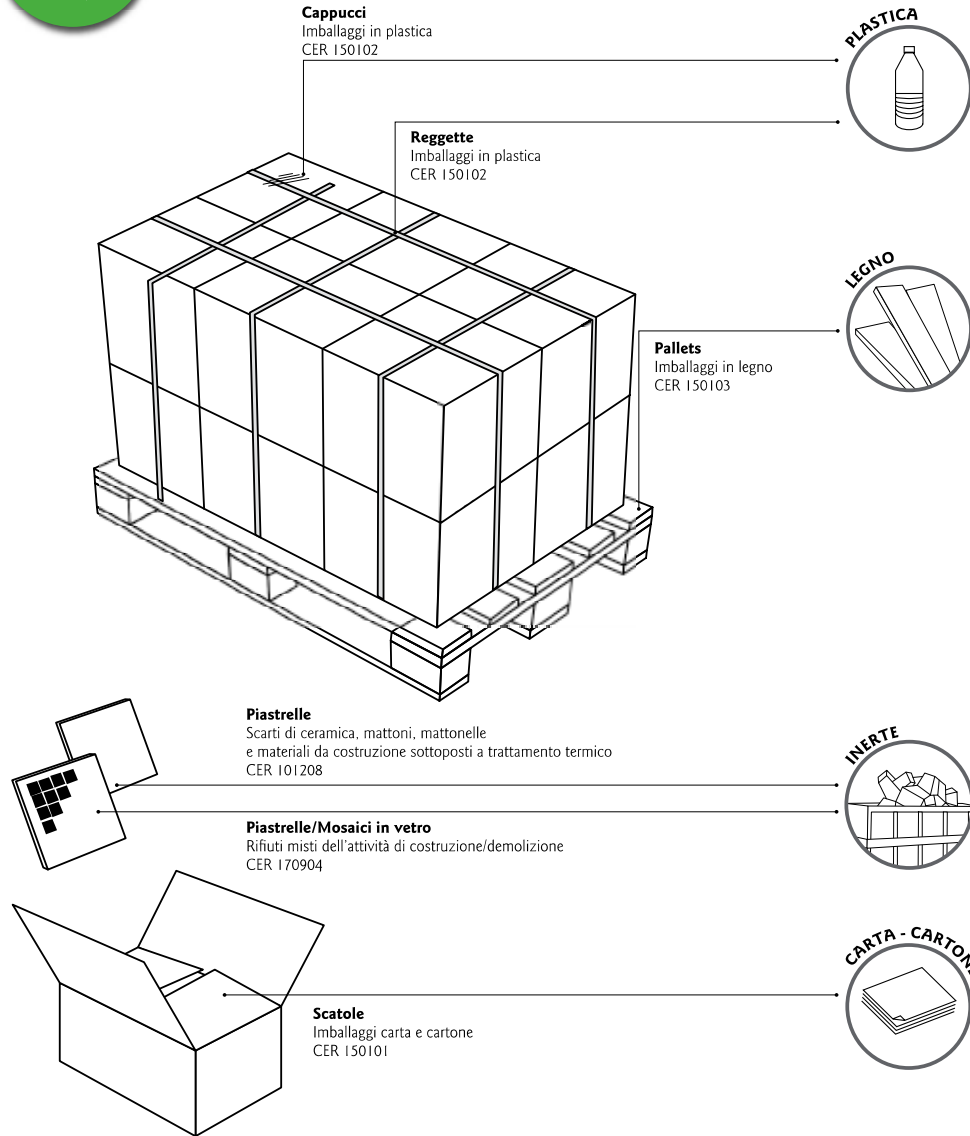




L'ambiente è anche tuo:  
**aiutaci a rispettarlo.**



The environment is yours too:  
**help us to respect it.**



CONSORZI ITALIANI PER LA RACCOLTA, RECUPERO E RICICLAGGIO DEGLI IMBALLAGGI

ITALIAN PACKAGING COLLECTION, RECOVERY AND RECYCLING CONSORTIA



**RILEGNO**  
[www.rilegno.it](http://www.rilegno.it)  
Consorzio nazionale  
per la raccolta, il recupero  
ed il riciclaggio  
degli imballaggi in legno.



**COREPLA**  
[www.corepla.it](http://www.corepla.it)  
Consorzio nazionale  
per la raccolta, il recupero  
ed il riciclaggio degli imballaggi in  
plastica.



**COMIECO**  
[www.comieco.it](http://www.comieco.it)  
Consorzio nazionale  
per la raccolta, il recupero ed  
il riciclaggio degli imballaggi in  
base cellulosa.

Emilceramica è iscritta al CONAI (Consorzio Nazionale Imballaggi) CODICE SOCIO 11001608 in quanto utilizzatore di imballi.  
Emilceramica aderisce al Sistema Pari (Piano per la gestione autonoma dei rifiuti di imballaggio) del CARPI (Consorzio autonomo riciclo plastiche Italia)



**RILEGNO**  
[www.rilegno.it](http://www.rilegno.it)  
National wooden packaging  
collection, recovery and recycling  
consortium.



**COREPLA**  
[www.corepla.it](http://www.corepla.it)  
National plastic packaging  
collection, recovery and recycling  
consortium.



**COMIECO**  
[www.comieco.it](http://www.comieco.it)  
National cellulose-based packaging  
collection, recovery and recycling  
consortium.

Emilceramica is member number 11001608 of the CONAI (National Packaging Consortium) as a user of packaging.  
Emilceramica is also a member of the Pari (Independent packaging waste management plan) System of the CARPI (Italian independent plastic recycling consortium)