
In September 2011 Emilceramica S.p.A. obtained certification of its Environmental Management System, implemented in accordance with the UNI EN ISO 14001:2004 standard and applied to all production sites with the aim of highlighting the company’s capability for systematically keeping under control both of the legal requirements contained in the Italian Law on the Environment and the voluntary undertakings made for ethical, proactive corporate management in terms of environmental protection.

In June 2014, Emilceramica S.p.A. achieved an additional objective with certification of its Occupational Health and Safety Management System, implemented under the BS OHSAS 18001:2007 standard and applied throughout the organisation. Over and above its compulsory compliance with the legal requirements, Emilceramica has introduced the additional requirements of the voluntary standard BS OHSAS 18001:2007 to give concrete expression to the “spirit of prevention” central to its operations throughout its history.


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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 Wastewater 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

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.

EPD
- Since 2013: preparation and verification of the EPDs – ENVIRONMENTAL PRODUCT DECLARATIONS, subdivided by category: BIA GL - BIA UGL – BIII.

LEED 2009
<table>
<thead>
<tr>
<th>SUSTAINABLE SITES</th>
<th>MR 2</th>
<th>MR 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heat island effect: NON ROOF</td>
<td>-</td>
<td>pre-consumer: 7.5%</td>
</tr>
<tr>
<td>Solar Reflectance Index - SR&gt;29</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>ENERGY AND ATMOSPHERE</td>
<td>MR 4</td>
<td>-</td>
</tr>
<tr>
<td>Optimize energy performance</td>
<td>IEQ 4.3</td>
<td>-</td>
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<tr>
<td>MATERIALS AND RESOURCES</td>
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<tr>
<td>Construction waste management</td>
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<tr>
<td>Recycled content</td>
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</tbody>
</table>

LEED 2009 CREDITS

SUSTAINABLE SITES
- Heat island effect: NON ROOF
- Solar Reflectance Index - SR>29

ENERGY AND ATMOSPHERE
- Optimize energy performance

MATERIALS AND RESOURCES
- Construction waste management
- Recycled content

INDOOR ENVIRONMENTAL QUALITY
- Low emitting materials - flooring systems

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

NEW

LEED V4
BUILDING PRODUCT DISCLOSURE AND OPTIMIZATION – ENVIRONMENTAL PRODUCTS - MRc2
Product-specific declaration (Certificate attached)
Product with a publicly available, critically reviewed life-cycle assessment (LCA) compliant to ISO 14044 and ISO 14040 with “cradle to gate” scope.

Environmental Product Declaration which conform to ISO 14025-14040 and EN15804
| visit www.inies.fr |
| Product-specific Type III EPD in which Emilceramica is explicitly recognized as the participant by the program operator. |
L'ambiente è anche tuo: aiutaci a rispettarlo.

CONSORZI ITALIANI PER LA RACCOLTA, RECUPERO E RICICLAGGIO DEGLI IMBALLAGGI

Emilceramica è iscritta al CONAI (Consorzio Nazionale Impianti di Raccolta) e al CARPI (Consorzio Autonomo Raccolta e Pensionamento Indemnizzato dei Vestiti).
ATTESTATO DI CONFORMITA’
STUDIO DEL CICLO DI VITA DEL PRODOTTO
LIFE CYCLE ASSESSMENT
P1925

RILASCIATO A
ISSUED TO

Emilceramica S.p.A.
via Ghirarola Nuova 29
41042 Fiorano Modenese (MO)

PER IL SEGUENTE PRODOTTO
FOR THE FOLLOWING PRODUCT

Ceramic tile products
LCA Background Report - Dichiarazione ambientale di prodotto secondo la norma AFNOR NF P01-010
FDES dei propri prodotti ceramic i del 10/10/2014

IN CONFORMITA’ AI REQUISITI
IN COMPLIANCE WITH

UNI EN ISO 14040:2006
UNI EN ISO 14044:2006

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FIRST ISSUE
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EMISSIONE CORRENTE
CURRENT ISSUE
04/11/2014

DATA DI SCADENZA
EXPIRY DATE
29/05/2016

CERTIQUALITY S.r.l.
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Via Caetano Giardino 4 - 20123 Milano - tel. 02 8069771 - fax 02 80645295 - certiquality@certiquality.it - www.certiquality.it