



DNV

# PRODUCT CERTIFICATE

Certificate No.:  
10000429931-PA-DNV GL-ITA Rev. 0

Initial date:  
28 october 2021

Valid:  
28 october 2021 – 27 october 2024

This Certificate consists in 12 pages

In compliance with DNV guidelines for the Certification of product, it has been stated that the product:

## porcelain stoneware ceramic tiles and slabs

Manufactured by or for:



## Ceramiche Refin S.p.A.

Via I Maggio, 22 - 42013 Casalgrande (RE) - Italy

Have been evaluated in conformity with requirements defined by following documents:

- THE WELL BUILDING STANDARD ® V2

Place and Date:  
Vimercate, 28 october 2021

For the Certification Body

DNV  
Via Energy Park, 14, 20871 Vimercate (MB),  
Italy

Zeno Beltrami  
Management Representative

<b>Well V2™ Concept: AIR</b>
<b>Feature: A01 FUNDAMENTAL AIR QUALITY   P</b>
<b>Intent:</b> Ensure a basic level of indoor air quality that contributes to the health and well-being of building users.
<b>Summary:</b> This WELL feature requires projects to provide acceptable air quality levels as determined by public health authorities.
<b>Impact:</b> The quality of the air people breathe indoors directly impacts their health and well-being and constitutes one of the most important aspects of healthy buildings.
<p><b>Requirement:</b></p> <p><b>Part 2 Meet Thresholds for Organic Gases For All Spaces except Commercial Kitchen Spaces:</b></p> <p>The following thresholds are met:</p> <ul style="list-style-type: none"> <li>a. Formaldehyde less than 27 ppb.</li> <li>b. Individual component VOCs less than or equal to the limits listed in the table at page 8/282 WELL v2 Manual:</li> </ul> <p><b>For Commercial Kitchen Spaces:</b></p> <p>The following threshold is met:</p> <ul style="list-style-type: none"> <li>a. Formaldehyde less than 81 ppb</li> </ul>
<p><b>Evaluation:</b></p> <p>Following LEED V4 and LEED V4.1 requirements, Ceramic tiles are inherently nonemitting materials .</p> <p>Low – emitting criteria: Inherently nonemitting sources – definition: Products that are an inherently nonemitting sources of VOCs (stone, ceramic, powder-coated metals, plated or anodized metal, glass, concrete, clay brick, and unfinished or untreated solid wood flooring) are considered fully compliant without any VOC testing if they do not have integral organic-based surface coatings, binders, or sealants emissions.</p> <p>FAQ#24450 - Are there any materials that WELL considers to be inherently non-emitting that do not need to meet VOC testing? The IWBI recognizes the following as inherently non-emitting: stone, <b>ceramic</b>, powder-coated metals, plated or anodized metal, glass, concrete, clay brick, natural wool, and unfinished or untreated solid wood. It is important to note that if any of these items have finishes, sealants or adhesives applied, they will require VOC testing either as a whole or in parts, i.e. at least the coating/finish/adhesive requires VOC testing.</p> <p>Company has made available to the certification body the information regarding compliance with the requirement. All documentation on this requirement has been reviewed.</p>
<b>Products:</b> This credit is applicable for all ceramic products manufactured by the Company

<b>Well V2™ Concept: AIR</b>
<b>Feature: A14 MICROBE AND MOLD CONTROL   O (MAX: 2 PT)</b>
<b>Intent:</b> Reduce mold and bacteria growth through condensation management and reduce levels of microbes within occupied spaces.
<b>Summary:</b> This WELL feature requires projects to conduct regular inspections in order to eliminate sources of microbes and mold and to inactivate existing microbes.
<b>Impact:</b> Minimizing exposure to mold and microbes leads to better air quality and reduced health risks
<p><b>Requirement:</b></p> <p><b>Part 2 Manage Condensation and Mold (Max: 1 Pt)</b></p> <p><b>Mold inspections</b></p> <p>The following requirements are met:</p> <ol style="list-style-type: none"> <li>a. Annual inspections for signs of water damage or pooling, discoloration and mold on ceilings, walls and floors is performed by a professional demonstrated not to have a conflict of interest. The report is submitted annually through WELL Online.</li> </ol>
<p><b>Evaluation:</b></p> <p>Company has made available to the certification body the information regarding compliance with the requirement. All documentation on this requirement has been reviewed.</p>
<p><b>Products:</b></p> <p>This credit is applicable for all ceramic products manufactured by the Company.</p>

<b>Well V2™ Concept: THERMAL COMFORT</b>
<b>FEATURE: T05 RADIANT THERMAL COMFORT   O (MAX: 2 PT)</b>
<b>Intent:</b> Maximize volume of the space, reduce dust transmission, improve ventilation control and increase thermal comfort by incorporating radiant heat and cooling systems into the building design.
<b>Summary:</b> This WELL feature requires projects to use radiant systems and independently controlled ventilation systems.
<b>Impact:</b> Proper design and operation of radiant heating and cooling systems can provide equal or even better thermal comfort compared to all-air systems, which could ultimately be linked to increased human comfort and well-being.
<p><b>Requirement:</b></p> <p><b>Part 1 Implement Radiant Systems (Max: 1 Pt)</b> <b>For All Spaces except Commercial Kitchen Spaces:</b></p> <p>At least 50% of the project floor area is serviced by one of the following systems:</p> <ol style="list-style-type: none"> <li>a. Hydronic radiant heating and/or cooling systems.</li> <li>b. Electric radiant systems.</li> </ol>
<p><b>Evaluation:</b></p> <p>Company has made available to the certification body the information regarding compliance with the requirement. All documentation on this requirement has been reviewed.</p>
<p><b>Products:</b></p> <p>This credit is applicable for all ceramic products manufactured by the Company</p>

<b>Well V2™ Concept: MATERIALS</b>
<b>Feature: X01 FUNDAMENTAL MATERIAL PRECAUTIONS   P</b>
<b>Intent:</b> Reduce or eliminate human exposure to building materials known to be hazardous.
<b>Summary:</b> This WELL feature requires the restriction of hazardous ingredient components in newly installed building materials, specifically through the restriction of asbestos, mercury-containing lamps and lead in plumbing products and paint.
<b>Impact:</b> Restriction of known hazardous ingredients found in building materials, specifically in those that are newly installed, aims to reduce risk of exposure, whether directly within the indoor environment or through environmental contamination. This also helps to push for reformulations of key building materials and products and promotes innovation in green chemistry.
<p><b>Requirement:</b></p> <p><b>Part 1 Restrict Asbestos For All Spaces:</b></p> <p>The following <b>building materials</b> contain asbestos less than 1% by weight:</p> <ol style="list-style-type: none"> <li>Thermal system insulation (applied to pipes, fittings, boilers, breeching, tanks, ducts or other like components to prevent heat loss or gain).</li> <li>Surfacing material (that is sprayed, troweled or otherwise applied to surfaces, for example acoustical plaster or fireproofing materials).</li> <li>Wallboard/millboard, resilient floor covering, roofing and siding shingles (including metal cladding) and construction mastics.</li> </ol> <p>Note: Projects can disclose or report ingredients listed here using labels approved for use in Part 1: Promote Ingredient Disclosure in Feature X14: Material Transparency to earn points toward that feature</p> <p><b>Part 3 Restrict Lead-For All Spaces:</b></p> <p>All newly installed <b>building materials</b> meet the following materials composition requirements:</p> <ol style="list-style-type: none"> <li>Drinking water systems and plumbing products are lead-free as defined by the Safe Drinking Water Act (SDWA) and certified by an ANSI Accredited third-party certification body.</li> <li>Indoor paints and surface coatings contain less than 90 ppm total lead.</li> </ol> <p>Note: Projects can disclose or report ingredients listed here using labels approved for use in Part 1: Promote Ingredient Disclosure in Feature X14: Material Transparency to earn points toward that feature.</p>
<p><b>Evaluation:</b></p> <p>Company has made available to the certification body the information regarding compliance with the requirement. All documentation on this requirement has been reviewed.</p>
<b>Products:</b> This credit is applicable for all ceramic products manufactured by the Company.

<b>Well V2™ Concept: MATERIALS</b>
<b>Feature: X08 HAZARDOUS MATERIAL REDUCTION   O (MAX: 1 PT)</b>
<b>Intent:</b> Reduce or eliminate exposure to hazardous heavy metals and phthalates found in building materials.
<b>Summary:</b> This WELL feature requires the restriction of heavy metals in various building materials and products, including furniture and furnishings and electrical components.
<b>Impact:</b> The restriction of heavy metals across key building materials and products, both indoor and outdoor, not only mitigates risk of exposure but also helps push the market toward safer alternatives.
<p><b>Requirement:</b></p> <p><b>Part 1 Limit Hazardous Materials (Max: 1 Pt)</b> <b>For All Spaces:</b></p> <p>Projects meet one of the following requirements and develop a purchasing plan for continued procurement:</p> <p>a. For all newly installed building materials, at minimum 20% by cost of the following building products and material types contain less than 100 ppm added lead:</p> <ol style="list-style-type: none"> <li>1. Doors and door hardware.</li> <li>2. Ductwork.</li> <li>3. Conduits.</li> <li>4. Metal studs.</li> <li>5. Mirrors/glass.</li> <li>6. Roofing or flashing.</li> <li>7. Brass cooler drains, pumps, motors and valves.</li> <li>8. Vinyl blinds or wallcovering.</li> </ol> <p>b. For all newly installed furnishings and furniture (including textiles, finishes and dyes), all components that constitute at least 5%, by weight, furniture or furnishing assembly meet the following thresholds for material content:</p> <ol style="list-style-type: none"> <li>1. Mercury less than 100 ppm.</li> <li>2. Cadmium less than 100 ppm.</li> <li>3. Antimony less than 100 ppm.</li> <li>4. Hexavalent chromium in plated finishes less than 1000 ppm</li> </ol> <p>Note:</p> <p>For the lead requirements in Part 1: Limit Hazardous Materials, other product categories can also be suggested for inclusion in the cost calculation, provided evidence/documentation for added lead content is presented.</p> <p>Wherever procurement of a product or a material type is not possible, the project is permitted to submit documentation demonstrating an attempt has been made: for each listed product or material type applicable to project, a petition or formal request is filed with at minimum three manufacturers who were unable to meet their needs.</p> <p>Projects can disclose or report ingredients listed here using labels approved for use in Part 1: Promote Ingredient Disclosure in Feature X14: Material Transparency to earn points toward that feature.</p>
<b>Evaluation:</b>
Company has made available to the certification body the information regarding compliance with the requirement. All documentation on this requirement has been reviewed.
<b>Products:</b> This credit is applicable for all ceramic products manufactured by the Company

<b>Well V2™ Concept: MATERIALS</b>
<b>Feature: X10 VOLATILE COMPOUND REDUCTION   O (MAX: 3 PT)</b>
<b>Intent:</b> Minimize the impact of hazardous volatile and semi-volatile organic compounds (VOCs and SVOCs) on indoor air quality.
<b>Summary:</b> This WELL feature requires the restriction of hazardous VOC and SVOC compounds, halogenated flame retardants (HFRs), urea-formaldehyde and select phthalates commonly used in building materials and products.
<b>Impact:</b> Restriction of select, well-studied VOCs and SVOCs commonly used in building materials and products limits their presence in indoor air and dust, thereby helping to mitigate associated exposure and health hazards.
<p><b>Requirement:</b></p> <p><b>Part 1 Manage Volatile Organic Compounds (Max: 2 Pt)</b> <b>For All Spaces:</b> The following requirements are met:</p> <ul style="list-style-type: none"> <li>a. At minimum, 20% by cost of the following newly installed components contain halogenated flame retardants at less than 100 ppm or the extent allowable by local code:             <ol style="list-style-type: none"> <li>1. Furniture.</li> <li>2. Window and waterproofing membranes, door and window frames and siding.</li> <li>3. Flooring, ceiling tiles and wall coverings.</li> </ol> </li> </ul> <p>Note: Projects can disclose or report ingredients listed here using labels approved for use in Part 1: Promote Ingredient Disclosure in Feature X14: Material Transparency to earn points toward that feature.</p> <p><b>Part 2 Manage Semi-Volatile Organic Compounds (SVOCs) (Max: 1 Pt)</b> <b>For All Spaces:</b> The following requirements are met:</p> <ul style="list-style-type: none"> <li>a. At minimum, 20% by cost of the following newly installed components contain phthalates at less than 100 ppm or the extent allowable by local code:             <ol style="list-style-type: none"> <li>1. Flooring, including resilient and hard surface flooring and carpet.</li> <li>2. Wall coverings, window blinds and shades, shower curtains, furniture and upholstery.</li> <li>3. Plumbing pipes and moisture barriers.</li> </ol> </li> </ul> <p><b>Part 3 Purchase Compliant Products (Max: 1 Pt)</b> Note: Projects may only receive points for this part if Part 1: Manage Volatile Organic Compounds or Part 2: Manage Semi-Volatile Organic Compounds (SVOCs) is also achieved.</p> <p><b>For All Spaces:</b> Projects have a program in place that specifies the following:</p> <ul style="list-style-type: none"> <li>a. Future purchasing for repair, renovation or replacement of building materials and products that complies with requirements for 100% of components listed in Part 1: Manage Volatile Organic Compounds and Part 2: Manage Semi-Volatile Organic Compounds (SVOCs).</li> </ul>



**Evaluation:**

Following LEED V4 and LEED V4.1 requirements, Ceramic tiles are inherently nonemitting materials .

Low – emitting criteria: Inherently nonemitting sources – definition:

Products that are an inherently nonemitting sources of VOCs (stone, ceramic, powder-coated metals, plated or anodized metal, glass, concrete, clay brick, and unfinished or untreated solid wood flooring) are considered fully compliant without any VOC testing if they do not have integral organic-based surface coatings, binders, or sealants emissions.

FAQ#24450 - Are there any materials that WELL considers to be inherently non-emitting that do not need to meet VOC testing?

The IWBI recognizes the following as inherently non-emitting: stone, ceramic, powder-coated metals, plated or anodized metal, glass, concrete, clay brick, natural wool, and unfinished or untreated solid wood. It is important to note that if any of these items have finishes, sealants or adhesives applied, they will require VOC testing either as a whole or in parts, i.e. at least the coating/finish/adhesive requires VOC testing.

Company has made available to the certification body the information regarding compliance with the requirement. All documentation on this requirement has been reviewed.

**Products:**

This credit is applicable for all ceramic products manufactured by the Company



<b>Well V2™ Concept: MATERIALS</b>
<b>Feature: X11 LONG-TERM EMISSION CONTROL   O (MAX: 3 PT)</b>
<b>Intent:</b> Minimize the impact of slow-emitting volatile organic compounds (VOCs) on indoor air quality.
<b>Summary:</b> This WELL feature requires testing and adherence to emission thresholds for newly purchased furniture and furnishings, flooring and insulation.
<b>Impact:</b> Restriction of source VOCs in building materials and products can limit their presence in indoor air and dust and help to mitigate exposure risks and health hazards.
<p><b>Requirement:</b></p> <p><b>Part 2 Manage Flooring and Insulation Emissions (Max: 1 Pt)</b> <b>For All Spaces:</b></p> <p>All newly installed flooring and thermal and acoustic insulation inside the building meet the following VOC emission thresholds:</p> <ul style="list-style-type: none"> <li>California Department of Public Health (CDPH) Standard Method v.1.2-2017.</li> </ul> <p>Note: Wherever procurement of a product or a material type is not possible, the project is permitted to submit documentation demonstrating an attempt has been made: for each listed product or material type applicable to the project, a petition or formal request is filed with at minimum three manufacturers who were unable to meet its needs.</p>
<p><b>Evaluation:</b></p> <p>Following LEED V4 and LEED V4.1 requirements, Ceramic tiles are inherently nonemitting materials .</p> <p>Low – emitting criteria: Inherently nonemitting sources – definition:</p> <p>Products that are an inherently nonemitting sources of VOCs (stone, ceramic, powder-coated metals, plated or anodized metal, glass, concrete, clay brick, and unfinished or untreated solid wood flooring) are considered fully compliant without any VOC testing if they do not have integral organic-based surface coatings, binders, or sealants emissions.</p> <p>FAQ#24450 - Are there any materials that WELL considers to be inherently non-emitting that do not need to meet VOC testing? The IWBI recognizes the following as inherently non-emitting: stone, ceramic, powder-coated metals, plated or anodized metal, glass, concrete, clay brick, natural wool, and unfinished or untreated solid wood. It is important to note that if any of these items have finishes, sealants or adhesives applied, they will require VOC testing either as a whole or in parts, i.e. at least the coating/finish/adhesive requires VOC testing.</p> <p>Company has made available to the certification body the information regarding compliance with the requirement. All documentation on this requirement has been reviewed.</p>
<b>Products:</b> This credit is applicable for all ceramic products manufactured by the Company



<b>Well V2™ Concept: MATERIALS</b>
<b>Feature: X13 ENHANCED MATERIAL PRECAUTION   O (MAX: 2 PT)</b>
<b>Intent:</b> Minimize the impact of hazardous building material ingredients on indoor air quality, protect the environment and health of workers and help support the demand for safer chemical alternatives.
<b>Summary:</b> This WELL feature requires screening and labeling of products in accordance with programs that restrict the use of hazardous ingredient contents in materials and products.
<b>Impact:</b> Screening and certification schemes that promote safe environmental and health attributes through the restriction of ingredients known to be environmental or health hazards help to increase the demand for safer alternatives, protect public health and enable market transformation.
<b>Requirement:</b> <b>Part 1 Select Optimized Materials (Max: 2 Pt)</b> <b>For All Spaces:</b> All newly installed furnishings, built-in furniture, interior finishes and finish materials comply with some combination of the following programs, earning points based on the table below:  Percent Compliance by Cost Points 15%: 1 25%: 2  a. Declare: Living Building Challenge Red List Free, Declare: Living Building Challenge Compliant or Living Product Challenge label.
<b>Evaluation:</b>  Company has made available to the certification body the information regarding compliance with the requirement. All documentation on this requirement has been reviewed.
<b>Products:</b>  This credit is applicable for all ceramic products manufactured by the Company

<b>Well V2™ Concept: MATERIALS</b>
<b>Feature: X14 MATERIAL TRANSPARENCY   O (MAX: 2 PT)</b>
<b>Intent:</b> Promote material transparency across building material and product supply chain.
<b>Summary:</b> This WELL feature requires the compilation and availability of product descriptions, with ingredients evaluated and disclosed down to 1,000 ppm, through transparency labels.
<b>Impact:</b> Consumer access to material ingredient content through product labeling can help educate consumers and drive market demand for safer ingredients, protect public health and enable market transformation.
<p><b>Requirement:</b></p> <p><b>Part 1 Promote Ingredient Disclosure (Max: 2 Pt)</b> <b>For All Spaces:</b></p> <p><b>Material information</b> All newly installed interior finishes and finish materials, furnishings (including workstations) and built-in furniture have some combination of the following material descriptions, with ingredients identified and disclosed to 1,000 ppm and earning points based on the table below:</p> <p>Minimum Percent by Cost Points 25% (by cost) 1 50% (by cost) 2</p> <p>a. Declare Label. b. Health Product Declaration. c. Any screening and hazard disclosure method accepted in USGBC's LEED v4 MR credit: Building Product Disclosure and Optimization - Material Ingredients, Option 1: material ingredient reporting.</p>
<b>Evaluation:</b>  Company has made available to the certification body the information regarding compliance with the requirement. All documentation on this requirement has been reviewed.
<b>Products:</b>  This credit is applicable for all ceramic products manufactured by the Company

<b>Well V2™ Concept: INNOVATIONS</b>
<b>Feature: I05 GREEN BUILDING RATING SYSTEMS   O (MAX: 5 PT)</b>
<b>Intent:</b> Recognize projects that have achieved certification under leading green building rating systems.
<b>Summary:</b> WELL aligns with leading green building rating systems and recognizes projects that balance a commitment to environmental sustainability with a commitment to human health. Policies that reduce the environmental impact of buildings contribute to the advancement of human health at the building and community scale. The environment itself can act as a mechanism to promote and reinforce health by providing fresh air, clean water, affordable and accessible food and green spaces for physical activity and social connection. By balancing sustainability and human health considerations, both people and planet can thrive.
<p><b>Requirement:</b></p> <p><b>Part 1 Achieve Sustainable Building Certification (Max: 5 Pt)</b> <b>For All Spaces:</b></p> <p>The project has achieved certification for a green building rating system that meets the following requirements:</p> <ol style="list-style-type: none"> <li>a. Primary goal is to advance sustainability and green practices in built spaces.</li> <li>b. Demonstrates leadership and innovation.</li> <li>c. Includes transparent development, rating and scoring processes.</li> <li>d. Undergoes third-party review to confirm achievement.</li> <li>e. Based on supporting scientific, medical and/or industry research.</li> <li>f. Viewable online at no cost.</li> <li>g. Addresses at least three of the objectives below:             <ol style="list-style-type: none"> <li>1. Reduce contribution to global climate change.</li> <li>2. Enhance individual human health, well-being and vitality.</li> <li>3. Protect and restore water resources.</li> <li>4. Protect, enhance and restore biodiversity and ecosystem services.</li> <li>5. Promote sustainable and regenerative material resource cycles.</li> <li>6. Build a greener economy.</li> <li>7. Enhance community through social equity, environmental justice and quality of life.</li> </ol> </li> </ol> <p>Note: Projects receive the full five points in Innovation for pursuing a green building rating system that meets the above criteria. Projects cannot receive more than five points for pursuing additional green building rating programs. Project must submit proof of achievement through WELL Online. A list of green building rating systems that have been evaluated by IWBI and found to meet the above criteria can be found at <a href="https://v2.wellcertified.com/resources/preapproved-programs">https://v2.wellcertified.com/resources/preapproved-programs</a>.</p>
<b>Evaluation:</b>
Company has made available to the certification body the information regarding compliance with the requirement. All documentation on this requirement has been reviewed.
<b>Products:</b> This credit is applicable for all ceramic products manufactured by the Company