



LEED

CERTIFICATION

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CORETTA COLLECTION



PRODUCT COMPLIANT WITH LEED® REQUIREMENTS (LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN)

LEED® is a voluntary certification programme that can be applied to any building (commercial or residential) and covers the entire life cycle of the building, from design to construction. LEED® promotes a sustainability-oriented approach by recognising the performance of buildings in key areas such as energy and water savings, reduction of CO₂ emissions, improvement of ecological quality of interiors, materials and resources used, design and site selection. Developed by the U.S. Green Building Council (USGBC), the system is based on awarding 'credits' for each requirement. The sum of the credits determines the four certification levels: basic, gold, silver, and platinum. LEED® certification is rapidly becoming the new global standard for eco-friendly buildings (it is now applied in 40 different countries). Coem is a member of the U.S. Green Building Council (USGBC), a US organisation that implements and governs the construction of sustainable buildings through LEED® (Leadership in Energy and Environmental Design) certification. Due to their technical and structural characteristics, Coem's products can contribute to a building's LEED® score. As a result, they have been certified by the external body, CERTIQUALITY. For example, the Coem products can meet LEED® requirements due to their high content of recycled materials and have obtained the industry's Environmental Product Declaration (EPD), which provides environmental data on the life cycle of products in compliance with the international ISO 14025 standard, according to the LEED® requirements. The light refraction index of the porcelain stoneware substrate ensures maximum thermal insulation and excellent energy performance. The Coem products have a high Solar Reflectance Index (SRI), which varies based on the type of colour and use, and can help reduce the heat island effect (i.e. differences in temperature between urban and suburban areas), and consequently reduces the effects on the microclimate and human and wildlife habitats. The Coem products are hygienic and easy to clean, contributing to the improvement of the quality and safety of indoor environments. Furthermore, their eco-sustainable features do not compromise their aesthetic value, as porcelain stoneware is always at the forefront of design and technological innovation.



REQUISITES	Credits
OUTDOOR PAVING SR > 33	1 point
LOW SLOPE ROOFS SRI > 82	1 point
HIGH SLOPE ROOFS SRI > 39	1 point

Materials and resources – Declaration and optimisation of construction products
Ceramiche Coem products can help improve LEED® rating in terms of materials and resources.

REQUISITES	Credits
SECTOR EPD	1/2 points
ORIGIN OF RAW MATERIALS – RECYCLED CONTENT	1 point
COMPONENTS – END PRODUCTS AND MATERIALS THAT DO NOT CONTAIN SUBSTANCES CLASSIFIED AS OF VERY HIGH CONCERN ACCORDING TO REACH CRITERIA	1 point

Low-emission materials
Ceramiche Coem products do not emit VOC (Volatile Organic Compounds).

REQUISITES	Credits
PRODUCTS THAT DO NOT CONTAIN VOC	1 point

COEM S.p.A.
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